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Ontario

LAWS, STATUTES, ETC.

# REVISED REGULATIONS

OF

## ONTARIO, 1980

A REVISION AND CONSOLIDATION OF REGULATIONS  
PUBLISHED UNDER THE AUTHORITY OF  
THE REGULATIONS REVISION ACT, 1979

### VOLUME VI

TORONTO  
PRINTED AND PUBLISHED BY THE QUEEN'S PRINTER



REVISED REGULATIONS

OF

ONTARIO 1980



A REVISION AND CONSOLIDATION OF THE REGULATION  
PUBLISHED BY THE AUTHORITY OF  
THE REGULATION REVISION ACT 1978

VOLUME VI

PRINTED AND BOUND BY THE UNIVERSITY PRESS

# REVISED REGULATIONS OF ONTARIO, 1980

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## REGULATION 683

under the Niagara Escarpment Planning and Development Act

### DESIGNATION OF AREA OF DEVELOPMENT CONTROL

1. The area of land within The Niagara Escarpment Planning Area set forth in the Schedule hereto is designated as an area of development control. O. Reg. 451/75, s. 1.

### Schedule

1. In the Township of Albemarle in the County of Bruce described as follows:

- i. Beginning at the intersection of the southerly boundary of the Township of Albemarle and the westerly limit of Concession IV West of Bury Road;

Thence northerly along the westerly limit of the said Concession to the south-westerly angle of Lot 20 in the said Concession;

Thence westerly to and along the southerly limit of Lot 20 in Concession V West of Bury Road to its southwesterly angle;

Thence northerly along the westerly limit of that Lot to the high-water mark of Lake Huron;

Thence northeasterly along that high-water mark to the northerly limit of the said Lot;

Thence easterly along that limit to the northwesterly angle of Lot 20 in Concession IV West of Bury Road;

Thence southerly along the westerly limit of that Lot to its southerly limit;

Thence easterly along that limit to the centre line of the said Concession;

Thence northerly along that centre line to the northerly limit of Lot 12 in the said Concession;

Thence easterly along the northerly limit of Lot 12 in concessions IV and III West of Bury Road to a point distant 500 feet measured easterly therealong from the northwesterly angle of the said Lot;

Thence southerly and parallel with the westerly limit of that Lot to its southerly limit;

Thence easterly along the southerly limit of Lot 12 in concessions III and II West of Bury Road to the westerly limit of Concession I West of Bury Road;

Thence northerly along the westerly limit of the said Concession to the south-westerly limit of the road crossing lots 11 and 12 in the said Concession;

Thence southeasterly along the southwesterly limit of the said road to the easterly limit of the said Concession;

Thence southerly along the easterly limit of the said Concession to the south-easterly angle of Lot 15 in the said Concession;

Thence easterly to and along the northerly limit of Lot 16 in Concession I East of Bury Road to a point distant 1,320 feet measured therealong from the westerly limit of that Lot;

Thence southerly and parallel with that limit, a distance of 500 feet;

Thence easterly and parallel with the northerly limit of the said Lot, a distance of 500 feet;

Thence northerly and parallel with the westerly limit of the said Lot to its northerly limit;

Thence easterly along that limit to its northeasterly angle;

Thence northerly along the westerly limit of Lot 15 in Concession II East of Bury Road to its northwesterly angle;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence northerly along the easterly limit of Lot 14 in the said Concession to its northeasterly angle;

Thence easterly to and along the southerly limit of Lot 13 in Concession III East of Bury Road to its southeasterly angle;

Thence northerly along the easterly limit of lots 13 and 12 in the said Concession to the northeasterly angle of the said Lot;

Thence easterly along the southerly limit of Lot 11 in Concession IV East of Bury Road to its southeasterly angle;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence easterly to and along the southerly limit of Lot 10 in Concession V East of Bury Road to its southeasterly angle;

Thence northerly along the easterly limit of the said Concession to the northeasterly angle of Lot 6 in the said Concession;

Thence easterly to and along the northerly limit of Lot 6 in Concession VI East of Bury Road to its northeasterly angle;

Thence southerly along the easterly limit of the said Concession to the northerly limit of Lot 11 in Concession VII East of Bury Road;

Thence easterly along the northerly limit of Lot 11 in concessions VII and VIII East of Bury Road to the northeasterly angle of the said Lot;

Thence southerly along the easterly limit of that Lot to its southeasterly angle;

Thence westerly along the northerly limit of Lot 12 in the said Concession to its northwesterly angle;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly to and along the northerly limit of Lot 13 in Concession VII East of Bury Road to its northwesterly angle;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly to and along the northerly limit of Lot 14 in Concession V East of Bury Road to its northwesterly angle;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly to and along the northerly limit of Lot 15 in Concession IV East of Bury Road to the easterly limit of the westerly half of that Lot;

Thence southerly along that limit to the southerly limit of the said Lot;

Thence westerly along the northerly limit of Lot 16 in concessions IV, III and II East of Bury Road to a point distant 660 feet measured therealong from the northeasterly angle of that Lot;

Thence southerly and parallel with the easterly limit of the said Lot, a distance of 330 feet to a point;

Thence easterly and parallel with the northerly limit of that Lot to its easterly limit;

Thence southerly along that limit to the southerly limit of the said Lot;

Thence westerly along that limit to the westerly limit of the said Concession;

Thence southerly along that limit to the northwesterly angle of Lot 21 in the said Concession;

Thence easterly along the northerly limit of that Lot to a point distant 660 feet measured westerly therealong from the northeasterly angle of that Lot;

Thence southerly and parallel with the easterly limit of the said Lot to the southerly limit of the northerly half of that Lot;

Thence easterly along that limit to its easterly limit;

Thence southerly along that limit to the southeasterly angle of Lot 23 in the said Concession;

Thence easterly to and along the southerly limit of Lot 23 in concessions III and IV East of Bury Road to the westerly high-water mark of Burford Lake;

Thence southerly along that high-water mark to the northerly limit of Lot 26 in the said Concession;

Thence westerly along the northerly limit of Lot 26 in concessions IV, III and II East of Bury Road to a point distant 660 feet measured westerly therealong from the northeasterly angle of Lot 26 in the said Concession;

Thence southerly and parallel with the easterly limit of that Lot to the northerly limit of the southerly half of the said Lot;

Thence easterly along the said limit to the easterly limit of the said Lot;

Thence southerly along that limit to the southeasterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 27 in the said Concession, a distance of 1,000 feet to a point;

Thence southerly and parallel with the easterly limit of that Lot to the northerly limit of the southerly half of the said Lot;

Thence easterly along that limit to its easterly limit;

Thence southerly along that limit to the southeasterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 28 in the said Concession, a distance of 700 feet to a point;

Thence southerly and parallel with the easterly limit of that Lot to the northerly limit of the southerly half of the said Lot;

Thence easterly along that limit to the easterly limit of the southerly half of the said Lot;

Thence southerly along the easterly limit of the said Concession to the southerly boundary of the Township of Albemarle;

Thence westerly along that boundary to the place of beginning;

- ii. Beginning at the intersection of the northerly boundary of the Township of Albemarle to the westerly limit of Concession VIII East of Bury Road;

Thence southerly along that limit to the northerly limit of Lot 6;

Thence easterly along the northerly limit of Lot 6 in concessions VIII and IX East of Bury Road to the easterly limit of the said Lot;

Thence southerly along the easterly limit of lots 6 and 7 in the said Concession to the southerly limit of the said Lot 7;

Thence westerly along that limit to its southwesterly angle;

Thence southerly along the westerly limit of Lot 8 in the said Concession to its southerly limit;

Thence easterly along that limit to the southwesterly angle of Lot 8 in Concession X East of Bury Road;

Thence northerly along the westerly limit of that Lot to its northerly limit;

Thence easterly along the northerly limit of the said Lot to its easterly limit;

Thence southerly along the easterly limit of lots 8, 9 and 10 in the said Concession to the southeasterly angle of the said Lot;

Thence easterly to and along the northerly limit of Lot 11 in Concession XI East of Bury Road to its northeasterly angle;

Thence southerly along the easterly limit of lots 11 and 12 in the said Concession to the southeasterly angle of the said Lot;

Thence easterly to and along the northerly limit of Lot 13 in Concession XII East of Bury Road to its northeasterly angle;

Thence southerly along the easterly limit of that Lot to its southeasterly angle;

Thence easterly to and along the northerly limit of Lot 14 in Concession XIII East of Bury Road to its easterly limit;

Thence southerly along the easterly limit of the said Concession to the northeasterly angle of Lot 22 in the said Concession;

Thence easterly to and along the northerly limit of Lot 22 in Concession XIV East of Bury Road to its easterly limit;

Thence southerly along that limit to the southeasterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 23 in the said Concession to its northwesterly angle;

Thence southerly along the westerly limit of lots 23 and 24 in the said Concession to the southwesterly angle of the said Lot;

Thence westerly to and along the southerly limit of Lot 24 in Concession XIII East of Bury Road to its southwesterly angle;

Thence southerly to and along the westerly limit of Lot 25 in the said Concession to its southwesterly angle;

Thence westerly to and along the northerly limit of Lot 26 in Concession XII East of Bury Road to its northwesterly angle;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly to and along the northerly limit of Lot 27 in Concession XI East of Bury Road to its northwesterly angle;

Thence southerly along the westerly limit of lots 27 and 28 in the said Concession to the southwesterly angle of the said Lot;

- Thence westerly to and along the northerly limit of Lot 29 in Concession X East of Bury Road to its northwesterly angle;
- Thence southerly along the westerly limit of that Lot to its southwesterly angle;
- Thence westerly to and along the northerly limit of Lot 30 in Concession VIII East of Bury Road to its northwesterly angle;
- Thence southerly along the westerly limit of lots 30 and 31 in the said Concession to the southwesterly angle of the said Lot;
- Thence westerly to and along the northerly limit of Lot 32 in Concession VII East of Bury Road to its northwesterly angle;
- Thence southerly along the westerly limit of lots 32 and 33 in the said Concession to the southwesterly angle of the said Lot;
- Thence westerly to and along the northerly limit of Lot 34 in Concession V East of Bury Road to its northwesterly angle;
- Thence southerly along the westerly limit of the said Concession to the southerly boundary of the Township of Albemarle;
- Thence easterly along that boundary to Colpoys Bay;
- Thence northeasterly along the said Bay to the southwesterly limit of the Cape Croker Indian Reserve Number 27;
- Thence northwesterly along the southwesterly limit of the said Indian Reserve to Hope Bay;
- Thence westerly along that Bay to the northerly boundary of the Township of Albemarle;
- Thence westerly along that boundary to the place of beginning.
- iii. Beginning at the northeasterly angle of Lot 2 in Concession IV West of Bury Road;
- Thence southerly along the easterly limit of lots 2, 3 and 4 in the said Concession to the southeasterly angle of the said Lot;
- Thence westerly along the southerly limit of that Lot to its southwesterly angle;
- Thence northerly along the westerly limit of lots 4, 3 and 2, respectively, in the said Concession to the northwesterly angle of the said Lot 2;
- Thence easterly along the northerly limit of that Lot to the place of beginning.
- iv. Beginning at the northeasterly angle of Lot 6 in Concession IV West of Bury Road;
- Thence southerly along the easterly limit of lots 6, 7, 8, 9 and 10 in the said Concession to the southeasterly angle of the said Lot;
- Thence westerly along the southerly limit of Lot 10 in concessions IV and V West of Bury Road to the westerly limit of the said Concession;
- Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 9;
- Thence westerly along the southerly limit of Lot 8 in Concession VI West of Bury Road, a distance of 1,320 feet to a point;
- Thence northerly and parallel with the easterly limit of that Lot to the southerly limit of the northerly half of the said Lot;
- Thence easterly along that limit a distance of 320 feet to a point;
- Thence northerly and parallel with the easterly limit of that Lot to the southerly limit of the northerly quarter of the said Lot;
- Thence westerly along that limit a distance of 320 feet;
- Thence northerly and parallel with the easterly limit of that Lot to its northerly limit;
- Thence easterly along that limit to its northeasterly angle;
- Thence northerly along the easterly limit of lots 7 and 6 in the said Concession to the northeasterly angle of the said Lot;
- Thence easterly along the northerly limit of Lot 6 in concessions V and IV West of Bury Road to the place of beginning.
- v. Beginning at the northeasterly angle of Lot 11 in Concession VI West of Bury Road;
- Thence southerly along the easterly limit of that Lot to its southeasterly angle;

Thence westerly along the southerly limit of the said Lot to the shore of Lake Huron;

Thence westerly and northerly along the said shore to the northerly limit of the said Lot;

Thence easterly along that limit to the place of beginning.

- vi. Beginning at the northwesterly angle of Lot 19 in Concession VIII East of Bury Road;

Thence southerly along the westerly limit of lots 19 and 20 in the said Concession to the southwesterly angle of the said Lot;

Thence easterly along the southerly limit of that Lot to its southeasterly angle;

Thence northerly along the easterly limit of the said Lot to its northeasterly angle;

Thence westerly along the southerly limit of Lot 19 in the said Concession to the line between the easterly and westerly halves of the said Lot;

Thence northerly along that line to its northerly limit;

Thence westerly along that limit to the place of beginning.

- vii. Beginning at the northwesterly angle of Lot 24 in Concession VIII East of Bury Road;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence southerly along the easterly limit of lots 24 and 25 in the said Concession VIII to the southeasterly angle of the said Lot;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the place of beginning.

- viii. All of Beamont Island in Lake Huron.

- ix. All of Hay Island in Georgian Bay.

2. In the Township of Amabel in the County of Bruce described as follows:

Beginning at the southeasterly angle of Lot 3 in Concession XXII, the said point

being the southwesterly angle of the Town of Wiarton;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of the said Lot to the southeasterly angle of Lot 4 in Concession XXIII;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of the said Lot to its northerly limit;

Thence easterly along that limit to its northeasterly angle;

Thence northerly to and along the westerly limit of Lot 3 in Concession XXIV to its northwesterly angle;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 2 in Concession XXV;

Thence northerly along the westerly limit of that Lot to the northerly boundary of the Township of Amabel;

Thence easterly along that boundary to its northeasterly angle;

Thence southerly along the easterly boundary of the Township of Amabel to the northerly boundary of the Town of Wiarton;

Thence following the boundaries between the said Township and the said Town to the place of beginning.

3. In the Township of Eastnor in the County of Bruce and being composed of the lands described as follows:

- i. Beginning at the southeasterly angle of Lot 29 in Concession III West of Bury Road;

Thence northerly along the easterly limit of lots 29, 30, 31, 32 and 33 in the said Concession to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 33 in concessions III and IV West of Bury Road to the shore of Lake Huron;

Thence southerly along that shore to the southerly limit of Lot 29 in the said Concession;

Thence easterly along the southerly limit of Lot 29 in concessions IV and III West of Bury Road to the place of beginning.

- ii. Beginning at the intersection of the southerly boundary of the Township of Eastnor and the easterly limit of Concession IV East of Bury Road;

Thence northerly to and along the easterly limit of lots 1, 2, 3 and 4 in the said Concession to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 4 in concessions IV and III East of Bury Road to the westerly limit of the said Concession;

Thence southerly along that limit to the southerly boundary of the Township of Eastnor;

Thence easterly along that boundary to the place of beginning.

- iii. Beginning at the intersection of the southerly boundary of the Township of Eastnor and the westerly limit of Concession VIII East of Bury Road;

Thence northerly along that westerly limit to the northerly limit of Lot 3 in the said Concession;

Thence easterly along that northerly limit to the northeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 4 and 5 in the said Concession to the northeasterly angle of the said Lot 5;

Thence easterly to and along the southerly limit of Lot 6 in Concession IX East of Bury Road to its southeasterly angle;

Thence northerly along the easterly limit of lots 6 and 7 in the said Concession to the northeasterly angle of the said Lot 7;

Thence easterly along the southerly limit of Lot 8 in Concession X East of Bury Road to its southeasterly angle;

Thence northerly along the easterly limit of lots 8, 9 and 10 in the said Concession to the northeasterly angle of the said Lot 10;

Thence westerly along the northerly limit of Lot 10 in concessions X and IX East of Bury Road to the westerly limit of the said Concession IX;

Thence northerly to and along the westerly limit of Lot 11 in the said Concession to its northwesterly angle;

Thence westerly to and along the southerly limit of Lot 12 in Concession VIII East of Bury Road to its westerly limit;

Thence northerly along that westerly limit to the northwesterly angle of the said Lot;

Thence westerly along the southerly limit of Lot 13 in Concession VII East of Bury Road to its westerly limit;

Thence northerly along the westerly limit of lots 13 and 14 in the said Concession to the northwesterly angle of the said Lot 14;

Thence westerly to and along the southerly limit of Lot 15 in Concession VI East of Bury Road to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 22 in the said Concession;

Thence westerly to and along the southerly limit of Lot 23 in Concession V East of Bury Road to its southwesterly angle;

Thence northerly along the westerly limit of lots 23 and 24 in the said Concession to the northwesterly angle of the said Lot 24;

Thence westerly to and along the southerly limit of Lot 25 in Concession IV East of Bury Road to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northerly limit of Lot 39 in the said Concession;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence northerly along the westerly limit of the road allowance between concessions IV and V East of Bury Road, and its diversions, to the northerly boundary of the Township of Eastnor;

Thence easterly along that northerly boundary to the shore of Georgian Bay;

Thence southerly along that shore to the easterly prolongation of the northerly limit of Lot 69 as shown on a Plan registered in the Registry Office for the Registry Division of Bruce (No. 3) as Number 402;

Thence westerly to and along that northerly limit to the northwesterly limit of that Lot to the northwesterly limit of that Plan;

Thence southwesterly along the northwesterly limit of that Plan to the southwesterly angle of Lot 38 in Concession V East of Bury Road;

Thence southeasterly along the southwesterly limits of a Plan registered in that Registry Office as Number 436 to the southerly limit of Lot 36 in that Concession;

Thence easterly along that southerly limit to the shore of Georgian Bay;

Thence southerly along that shore to the southerly limit of Lot 35 in that Concession;

Thence westerly along that southerly limit to the southeasterly angle of Part 1 as shown on a Plan deposited in the Registry Office for the Registry Division of Bruce (No. 3) as Number 3R-608;

Thence northerly along that easterly limit of parts 1, 12 and 11 as shown on that Plan to the northeasterly angle of the said Part 11;

Thence westerly along the northerly limit of that Plan to its westerly limit;

Thence southerly along the westerly limit of that Plan to the southerly limit of Lot 35 in Concession V;

Thence easterly along that southerly limit to the northwesterly angle of Lot 37 as shown on a Plan registered in the said Registry Office as Number 411;

Thence southerly along the westerly limit of that Plan to the northerly limit of Lot 32 in that Concession;

Thence easterly along that northerly limit to the shore of Georgian Bay;

Thence southerly along that shore to the northeasterly angle of Part 12 as shown on a Plan deposited in the said Registry Office as Number 3R-467;

Thence westerly along the northerly limit of that Part 12 to its northwesterly angle;

Thence southwesterly crossing Isthmus Road to the northeasterly angle of Part 13 as shown on that Plan;

Thence westerly along the northerly limit of parts 13 and 11 as shown on that Plan to the westerly limit of that Plan;

Thence southerly along that westerly limit to the southerly limit of Lot 32 in that Concession;

Thence easterly along that southerly limit to the westerly limit of Isthmus Road;

Thence northerly along that westerly limit to the southeasterly angle of Part 13 as shown on that Plan;

Thence northeasterly to and along the southerly limit of Part 12 as shown on that Plan to the shore of Georgian Bay;

Thence southerly along that shore to the southerly limit of Lot 32 in that Concession V;

Thence westerly along that southerly limit to the northwesterly angle of the lands shown on a Plan registered in the said Registry Office as Number 390;

Thence southeasterly along the westerly limit of the said lands to the southerly limit of Lot 31 in that Concession;

Thence easterly along the southerly limit of that Lot 31 to its easterly limit;

Thence northerly along that easterly limit to the shore of Georgian Bay;

Thence southeasterly along that shore to the southerly limit of the road allowance between lots 30 and 31;

Thence westerly along that southerly limit to the westerly limit of Part 7 as shown on a Plan deposited in the said Registry Office as Number 3R-846;

Thence southerly along that westerly limit to the southerly limit of the lands shown on that Plan;

Thence easterly along that southerly limit and its prolongation to the westerly limit of Lot 8 as shown on a Plan registered in the said Registry Office as Number 407;

Thence southerly along the westerly limit of that Lot 8 to its southwestly angle;

Thence easterly along the southerly limit of the lands shown on that Plan to the shore of Georgian Bay;

Thence southeasterly along that shore to the northerly limit of the lands shown on a Plan registered in the said Registry Office as Number 405;

Thence westerly along that northerly limit to the westerly limit of the said lands;

Thence southerly along that westerly limit to the southerly limit of the lands shown on a Plan registered in the said Registry Office as Number 405;

Thence easterly along that southerly limit to the shore of Georgian Bay;

Thence southerly along that shore to the northerly boundary of the Village of Lion's Head;

Thence westerly along that northerly boundary to the westerly boundary of that Village;

Thence southerly along that westerly boundary to the southerly boundary of that Village;

Thence easterly along that southerly boundary to the easterly boundary of that Village;

Thence northerly along that easterly boundary to the southerly limit of Lot 27 in Concession VI East of Bury Road;

Thence easterly along that southerly limit to the easterly limit of that Lot;

Thence northerly along that easterly limit to its northeasterly angle;

Thence easterly to and along the southerly limit of Lot 28 in Concession VII East of Bury Road to the southwesterly angle of Calvert Street;

Thence northeasterly along that southeasterly limit to the northeasterly limit of the lands shown on a Plan registered in the said Registry Office as Number 404;

Thence northwesterly along that northeasterly limit to the top of the cliff being the northerly limit of the said Plan;

Thence southwesterly along the top of that cliff to the westerly limit of Lot 28 in Concession VII East of Bury Road;

Thence northerly along that westerly limit to the shore of Georgian Bay;

Thence in a general southeasterly direction following that shore to the northerly limit of Lot 20 in the said Concession;

Thence westerly along that northerly limit to the northwesterly angle of Part 17 as shown on a Plan deposited in the said Registry Office as Number 3R-797;

Thence southerly along the westerly limit of parts 17 to 30, both inclusive, of that Plan to the southwesterly angle of that Part 30;

Thence easterly along the southerly limit of parts 30, 2 and 3 of that Plan to the westerly limit of a Plan registered in the said Registry Office as Number 385;

Thence southwesterly along the northwesterly limit of the lands shown on that Plan to the northwesterly angle of that Plan;

Thence southerly along the westerly limit of that Plan to its southwesterly angle;

Thence easterly along the southerly limit of that Plan to the rock bluff as shown on that Plan;

Thence northeasterly and southeasterly following that rock bluff to the northerly limit of Lot 16 in Concession VIII East of Bury Road;

Thence easterly along that northerly limit to the shore of Georgian Bay;

Thence easterly along that shore to the westerly limit of Part 41 as shown on a Plan deposited in the said Registry Office as Number 3R-171;

Thence southwesterly along the northwesterly limit of that Part to its most westerly limit;

Thence southerly along that westerly limit, being along the westerly limit of Lot 13 in Concession XII East of Bury Road, to the southerly limit of that Part 41;

Thence easterly along that southerly limit to the easterly limit of that Lot 13;

Thence northerly along that easterly limit to the shore of Georgian Bay;

Thence in a general southeasterly direction along that shore to the easterly angle of Part 24 as shown on a Plan deposited in the said Registry Office as Number 3R-143;

Thence northwesterly along the northeasterly limit of that Part to its northerly angle;

Thence northeasterly along the southeasterly limit of Part 61 as shown on that Plan to its easterly angle;

Thence northerly along the easterly limit of Part 62 of that Plan to its northeasterly angle;

Thence westerly along the northerly limit of parts 62 and 63 of that Plan to the westerly limit of Lot 7 in Concession XIII East of Bury Road;

Thence southerly along that westerly limit to the southwesterly angle of that Part 63;

Thence easterly along the southerly limit of the said parts 63 and 62 to the northwesterly angle of Part 57 of that Plan;

Thence southwesterly along the northwesterly limits of that Plan to the westerly limit of Lot 6 in that Concession;

Thence southerly along that westerly limit to the shore of Georgian Bay;

Thence southwesterly along that shore to the southerly boundary of the Township of Eastnor;

Thence westerly along that southerly boundary to the place of beginning.

4. In the Township of Lindsay in the County of Bruce and being composed of the lands described as follows:

- i. Beginning at the intersection of the shore of Lake Huron and the southerly limit of Lot 3 in Concession IX West of Bury Road;

Thence easterly along the southerly limit of Lot 3 in concessions IX and VIII West of Bury Road to the southeasterly angle of the said Lot;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence easterly along the southerly limit of Lot 4 in concessions VII to II West of Bury Road to the southeasterly angle of the said Lot;

Thence northerly along the easterly limit of lots 4 and 5 in the said Concession to the northeasterly angle of the said Lot;

Thence easterly along the southerly limit of Lot 6 in Concession I West of Bury Road to the westerly limit of the easterly quarter of that Lot;

Thence northerly along the westerly limit of the easterly quarter of lots 6 and 7 in the said Concession to the northerly limit of the said Lot;

Thence easterly along that limit to the easterly limit of the said Concession;

Thence northerly along that limit to the northeasterly angle of Lot 20 in the said Concession;

Thence westerly along the northerly limit of Lot 20 in concessions I, II and III West of Bury Road to the northwesterly angle of the said Lot;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly along the southerly limit of Lot 20 in concessions IV and V West of Bury Road to the westerly limit of the said Concession;

Thence northerly along that limit to the northwesterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 20 in concessions VI and VII West of Bury Road to the centre line of the said Concession;

Thence southerly along that centre line to the northerly limit of Lot 17 in the said Concession;

Thence westerly along that limit to the westerly limit of the said Concession;

Thence southerly along that limit to the southwesterly angle of Lot 15 in the said Concession;

Thence westerly to and along the southerly limit of Lot 15 in Concession VIII West of Bury Road to the shore of Lake Huron;

Thence southerly along that shore to the place of beginning.

- ii. Beginning at the southwesterly angle of Lot 18 in Concession II East of Bury Road;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence easterly along the northerly limit of the said Lot to the northwesterly angle of Lot 18 in Concession III East of Bury Road;

Thence northerly along the westerly limit of lots 19 and 20 in the said Concession to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of that Lot to the easterly limit of the said Concession;

Thence southerly along that limit to the northeasterly angle of Lot 15 in the said Concession;

Thence easterly along the northerly limit of Lot 15 in Concession IV East of Bury Road to its easterly limit;

Thence southerly along that limit to the southeasterly angle of the said Lot;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence southerly to and along the easterly limit of Lot 14 in Concession III to its southeasterly angle;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of lots 14, 15, 16 and 17 in the said Concession to the northwesterly angle of the said Lot;

Thence westerly to and along the southerly limit of Lot 18 in Concession II East of Bury Road to the place of beginning.

- iii. Beginning at the intersection of the northerly boundary of the Township of Lindsay and the southerly limit of Lot 43 in Concession V East of Bury Road;

Thence easterly along the southerly limit of Lot 43 in concessions V and VI East of Bury Road to the southeasterly angle of the said Lot;

Thence northerly along the easterly limit of lots 43 and 44 in the said Concession to the northerly boundary of the Township of Lindsay;

Thence westerly along the said boundary to the place of beginning.

- iv. Beginning at the intersection of the southerly boundary of the Township of Lindsay and the westerly limit of Lot 1 in Concession V East of Bury Road;

Thence northerly along the westerly limit of lots 1 and 2 in the said Concession to the northwesterly angle of the said Lot 2;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 3 in Concession VI East of Bury Road;

Thence northerly along the westerly limit of lots 3, 4 and 5 in the said Concession to the northwesterly angle of the said Lot 5;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 6 in Concession VII East of Bury Road;

Thence northerly along the westerly limit of lots 6, 7 and 8 in the said Concession to the northwesterly angle of the said Lot 8;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 9 in Concession VIII East of Bury Road;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 17 in the said Concession;

Thence westerly along the southerly limit of Lot 18 in Concession VII East of Bury Road to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 33 in the said Concession;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 34 in Concession VIII East of Bury Road;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 37 in the said Concession;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 38 in Concession IX East of Bury Road;

Thence northerly along the westerly limit of lots 38 and 39 in the said Concession to the northwesterly angle of the said Lot 39;

Thence easterly along the northerly limit of Lot 39 in concessions IX, X, XI and XII to the easterly limit of the said Concession XII;

Thence northerly along the easterly limit of lots 40 and 41 in the said Concession to the northeasterly angle of the said Lot 41;

Thence westerly along the southerly limit of Lot 42 in concessions XII, XI, X and IX to the westerly limit of the said Concession IX;

Thence northerly along the westerly limit of the said Concession to the northerly boundary of the Township of Lindsay;

Thence northeasterly along that northerly boundary to the shore of Georgian Bay;

Thence southerly along that shore to the easterly limit of Lot 38 in Concession XI East of Bury Road;

Thence northerly along that easterly limit to the northerly limit of that Lot;

Thence westerly along that northerly limit to the northwesterly angle of the lands shown on a Plan registered in the said Registry Office as Number 427;

Thence southwesterly in a straight line to a point distant 300 feet measured northerly along the westerly limit of that Lot 38 from its southwesterly angle;

Thence southerly along the westerly limit of lots 38 and 37 in that Concession to the northeasterly prolongation of the northwesterly limit of the lands shown on a Plan registered in that Registry Office as Number 364;

Thence southwesterly to and along that northwesterly limit to the southerly limit of Lot 36 in Concession X East of Bury Road;

Thence easterly along that southerly limit to the shore of Georgian Bay;

Thence southwesterly along that shore to the northerly limit of the lands shown on a Plan registered in that Registry Office as Number 367;

Thence westerly, southerly and easterly along the limits of the said lands to the shore of Georgian Bay;

Thence southerly along that shore to the easterly prolongation of the northerly limit of the lands shown on a Plan registered in that Registry Office as Number 396;

Thence westerly to and along that northerly limit to the westerly limit of the said lands;

Thence southerly along the westerly limit of the lands shown on plans registered in that Registry Office as numbers 396 and 394 to the southerly limit of Lot 22 in Concession VIII East of Bury Road;

Thence easterly along that southerly limit to the shore of Georgian Bay;

Thence southerly along that shore to the northerly limit of Lot 19 in Concession IX East of Bury Road;

Thence westerly along that northerly limit to the westerly limit of the lands shown on a Plan deposited in that Registry Office as Number 3R-190;

Thence southeasterly and northeasterly along the southwesterly and southeasterly limits of the said Plan to the shore of Georgian Bay;

Thence southerly along the said shore to the northerly limit of Lot 14 in the said Concession;

Thence westerly along that northerly limit to the lands shown on a Plan deposited in the said Registry Office as Number 3R-160;

Thence southerly along the westerly limit of plans deposited in that Registry Office as Numbers 3R-160 and 3R-159 to the southerly limit of Lot 11 in the said Concession;

Thence easterly along that limit to the shore of Georgian Bay;

Thence southerly along that shore to the northerly limit of Lot 9 in the said Concession;

Thence westerly along that northerly limit to the westerly limit of the lands shown on a Plan deposited in that Registry Office as Number 3R-172;

Thence southerly along the westerly limit of the said lands to the southerly limit of Lot 7 in the said Concession;

Thence easterly along that southerly limit to the shore of Georgian Bay;

Thence southerly along that shore to the southerly boundary of the Township of Lindsay;

Thence westerly along the said southerly boundary to the place of beginning.

5. In the Township of St. Edmunds in the County of Bruce and being composed of the lands described as follows:

- i. Beginning at the intersection of the southerly boundary of the Township of St. Edmunds and the westerly limit of Concession VII West of Bury Road;

Thence northerly along that limit to the shore of Lake Huron;

Thence northerly along that shore to the northerly limit of Lot 13 in the said Concession;

Thence easterly along the northerly limit of Lot 13 in concessions VII and VI West of Bury Road to the line between the easterly and westerly halves of Lot 14 in the said Concession;

Thence northerly along the half lot line to its northerly limit;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence northerly along the westerly limit of Concession V West of Bury Road to the northwesterly angle of Lot 20 in the said Concession;

Thence easterly along the northerly limit of that Lot to the easterly limit of the said Concession;

Thence northerly along that limit to the northeasterly angle of Lot 24 in the said Concession;

Thence easterly to and along the southerly limit of Lot 25 in Concession IV West of Bury Road to the centre line of the said Concession;

Thence northerly along that centre line to the northerly limit of Lot 28 in the said Concession;

Thence easterly along that limit to the northeasterly angle of the said Lot;

Thence northerly along the westerly limit of Lot 29 in Concession III West of Bury Road to the shore of Lake Huron;

Thence easterly to and along the northerly limit of Lot 29 in concessions III and II West of Bury Road to the northeasterly angle of the said Lot;

Thence northerly along the easterly limit of Lot 30 in the said Concession to the creek crossing that Lot;

Thence northwesterly along the said creek and the shoreline of Lake Huron to the easterly limit of Lot 33 in Concession III West of Bury Road;

Thence northerly along the easterly limit of lots 33 and 34 in the said Concession to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of that Lot to the centre line of the said Concession;

Thence northerly along the centre line of the said Concession to the northerly limit of Lot 38 in the said Concession;

Thence easterly along the northerly limit of Lot 38 in concessions III, II and I West of Bury Road to a point distant 1,000 feet measured westerly therealong from the westerly limit of Bury Road;

Thence southerly and parallel with that limit to the northerly limit of the southerly half of Lot 38 in the said Concession;

Thence easterly along that limit to the westerly limit of Bury Road;

Thence southerly along that limit to the northeasterly angle of Lot 30 in the said Concession;

Thence westerly along the northerly limit of the easterly half of that Lot to its northwesterly angle;

Thence southerly along the westerly limit of the easterly half of the said Lot to the northerly limit of the southerly half of that Lot;

Thence easterly therealong to a point distant 1,000 feet measured westerly from the westerly limit of Bury Road;

Thence southerly and parallel with that limit to the northerly limit of Lot 26 in the said Concession;

Thence easterly along that limit to its northeasterly angle;

Thence southerly along the easterly limit of the said Lot to its southeasterly angle;

Thence westerly along the northerly limit of Lot 25 in the said Concession to the westerly limit of the easterly half of that Lot;

Thence southerly and easterly along the limits of the northeasterly quarter of the said Lot to its easterly limit;

Thence southerly along the westerly limit of Bury Road to the northerly limit of the southeasterly quarter of Lot 21 in the said Concession;

Thence westerly and southerly along the limits of the southeasterly quarter of that Lot to its southerly limit;

Thence easterly along the said limit of the said Lot and its prolongation to the easterly limit of Bury Road;

Thence northerly along that limit to the southwestly angle of Lot 27 in Concession I East of Bury Road;

Thence easterly along the southerly limit of that Lot to the easterly limit of the westerly half of the said Lot;

Thence northerly along that limit to its northerly limit;

Thence westerly along that limit to the easterly limit of the westerly quarter of Lot 28 in the said Concession;

Thence northerly along the easterly limit of the westerly quarter of lots 28 and 29 in the said Concession to the northerly limit of the said Lot;

Thence westerly along that limit to the easterly limit of Bury Road;

Thence northerly along that limit to the northerly limit of Lot 32 in the said Concession;

Thence easterly along that limit to the easterly limit of the road west of Cameron Lake;

Thence southerly along that road to a point distant 200 feet measured northerly at right angles from the southerly limit of that Lot;

Thence easterly and parallel with that limit to the shore of Cameron Lake;

Thence northerly and easterly along the said shore to the easterly limit of Lot 33 in Concession III East of Bury Road;

Thence northerly along that limit to its northeasterly angle;

Thence westerly along the northerly limit of Lot 33 in concessions III and II East of Bury Road to the easterly limit of Concession I East of Bury Road;

Thence northerly along that limit to the northerly limit of Lot 50 in the said Concession;

Thence easterly along the northerly limit of that Lot to the shore of Georgian Bay;

Thence southeasterly along that shore to the southerly boundary of the Township of St. Edmunds;

Thence westerly along that boundary to the westerly limit of Concession IV East of Bury Road;

Thence northerly along that limit to the northwesterly angle of Lot 5 in the said Concession;

Thence easterly along the northerly limit of that Lot to the easterly limit of the said Concession;

Thence easterly along the northerly limit of that Lot to the easterly limit of the said Concession;

Thence northerly along the easterly limit of the said Concession to the northeasterly angle of Lot 20 in the said Concession;

Thence westerly along the northerly limit of Lot 20 in concessions IV, III, II, and I East of Bury Road to the easterly limit of Bury Road;

Thence southerly along that limit to the southerly boundary of the Township of St. Edmunds;

Thence westerly along that boundary to the place of beginning.

- ii. Beginning at the southerly angle of Registered Plan Number 381;

Thence westerly along the northerly limit of Duke Street to a line parallel with and distant 750 feet measured easterly from the easterly limit of Bury Road;

Thence northerly and parallel with that limit to the northerly limit of Nicholas Street;

Thence easterly along that northerly limit to the easterly limit of Simcoe Street;

Thence northerly along that limit to a line parallel with and distant 120 feet measured southerly from the southerly limit of Head Street;

Thence easterly and parallel with that limit to the easterly limit of Alexander Street;

Thence northerly along that limit to the northerly limit of Head Street;

Thence westerly along that limit to the southeasterly limit of Parliament Street;

Thence northeasterly along that southeasterly limit to the southwestly limit of Elgin Street;

Thence southeasterly along that southwestly limit a distance of 338.23 feet to a point;

Thence northerly and easterly to and along the southerly limit of the right-of-way in Instrument Number 68659 to the westerly angle of Part 10 of Reference Plan Number 460;

Thence northerly along the westerly limit of parts 10 and 1 of that Plan to the shore of Georgian Bay;

Thence in a general southerly direction along that shore to the northeasterly angle of Part 1 of Reference Plan Number 565;

Thence westerly along the northerly limit of parts 1 and 2 of that Plan to the northerly angle of Registered Plan Number 381;

Thence southerly along the westerly limit of that Plan to the place of beginning.

- iii. Beginning at the westerly extremity of Cape Hurd in Lot 60, Concession VI of the Township of St. Edmunds;

Thence northwesterly in a straight line to the westerly extremity of Gat Point of Cove Island;

Thence northeasterly along the northwesterly high-water mark of Cove Island of Gig Point;

Thence easterly in a straight line to the northerly point of Bears Rump Island;

Thence easterly and southwesterly along the high-water mark of Bears Rump Island to the southerly point of that Island;

Thence southwestwesterly in a straight line to Dunks Point;

Thence in a general southwestwesterly direction along the high-water mark of Georgian Bay and of Lake Huron to the place of beginning.

6. In the Town of Wiarton in the County of Bruce and being composed of the lands described as follows:

Beginning at the southeasterly angle of the Town of Wiarton;

Thence westerly along the southerly boundary of the said Town to the easterly limit of the road allowance between Park lots M and P;

Thence northerly along that limit of the said road allowance and its prolongation to Colpoys Bay;

Thence easterly along the said Bay to the northeasterly boundary of the Town of Wiarton;

Thence southeasterly following the boundaries of that Town to the place of beginning.

7. In the Township of Melancthon in the County of Dufferin and being composed of the lands described as follows:

- i. Beginning at the intersection of the easterly boundary of the Township of Melancthon and the easterly prolongation of the southerly limit of Lot 3 in Concession I;

Thence westerly to and along that limit to the westerly limit of the easterly half of the said Lot;

Thence northerly along that limit to the southerly limit of Lot 4 in the said Concession;

Thence westerly along that limit to the southwestwesterly angle of the said Lot;

Thence northerly along the westerly limit of lots 4 and 5 in the said Concession to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of that Lot to the northwesterly angle of the northeasterly quarter of the said Lot;

Thence southerly and easterly along that quarter to the easterly boundary of the Township of Melancthon;

Thence southerly along that boundary to the place of beginning.

- ii. Beginning at the intersection of the easterly boundary of the Township of Melancthon and the prolongation of the southerly limit of Lot 8 in Concession I;

Thence westerly to and along that limit to the westerly limit of the said Concession;

Thence northerly along that limit to the southwestwesterly angle of Lot 11 in the said Concession;

Thence westerly to and along the southerly limit of Lot 11 in Concession II to its southwestwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 17 in the said Concession;

Thence easterly along the northerly limit of that Lot to the easterly limit of the said Concession;

Thence southerly along that limit to the northeasterly angle of Lot 15 in the said Concession;

Thence westerly along the northerly limit of that Lot, a distance of 500 feet to a point;

Thence southerly and parallel with the easterly limit of the said Lot, a distance of 250 feet to a point;

Thence easterly and parallel with the northerly limit of that Lot, a distance of 183.2 feet to a point;

Thence southerly and parallel with the easterly limit of the said Lot to the northwesterly angle of Registered Plan Melancthon 30A;

Thence southerly along the westerly limit of the said Plan to its southwesterly angle;

Thence westerly along the line between lots 14 and 15 in the said Concession to the northwesterly angle of Lot 1 of Registered Plan Melancthon 34;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence southerly to and along the westerly limits of lots 120, 119, 118, 117, 116 and 107 of the said Plan to the southwesterly angle of the said Lot;

Thence easterly along the southerly limit of lots 107 and 106 of the said Plan to a point distant 264 feet west of the easterly limit of the said Concession;

Thence southerly and parallel with that limit to the southerly limit of Lot 27 of the said Plan;

Thence easterly along that limit to its southeasterly angle;

Thence southeasterly crossing the road allowance between the said concessions I and II to the southwesterly angle of Lot 14 in the said Concession I;

Thence easterly along the southerly limit of that Lot to the southeasterly angle of Lot 72 of the last-mentioned Plan;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence northerly along the westerly limit of Lot 73 of the said Plan to the southerly limit of High Street;

Thence easterly along that limit to the said street's intersection with the southerly prolongation of the easterly limit of Lot 53 of the said Plan;

Thence northerly to and along that limit to the southerly limit of Mill Street;

Thence northerly to and along the easterly limit of Lot 52 of the said Plan to its northerly angle;

Thence southwesterly along the northwesterly limit of lots 52, 51, 50 and 49 of the said Plan to the southeasterly angle of Lot 104 of the said Plan;

Thence northwesterly along the northwesterly limits of that Lot to its northwesterly angle;

Thence northerly and parallel with the westerly limit of the last-mentioned Concession to the northeasterly angle of Lot 30 of the said Plan;

Thence easterly along the southerly limit of Lot 15 in the said Concession to a point 300 feet measured easterly from the southwesterly angle of that Lot;

Thence northerly and parallel with the westerly limit of the said Lot to the southerly limit of the northerly half of that Lot;

Thence westerly along the half lot line of the said Lot to the westerly limit of the said Concession;

Thence northerly along that limit to the northwesterly angle of Lot 19 in the said Concession;

Thence easterly along the northerly limit of that Lot and its prolongation to the easterly boundary of the Township of Melancthon;

Thence southerly along that boundary to the place of beginning.

iii. Beginning at the northeasterly angle of the Township of Melancthon;

Thence southerly along the easterly boundary of the said Township to the easterly prolongation of the southerly limit of Lot 32 in Concession I;

Thence westerly to and along that limit to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of that Lot and its prolongation to the northerly boundary of the said Township;

Thence easterly along that boundary to the place of beginning.

8. In the Township of Mono in the County of Dufferin, being composed of those lands more particularly described as follows:

Beginning at the intersection of the southerly boundary of the Township of Mono and the easterly limit of Concession IV East of Hurontario Street;

Thence northerly along that easterly limit to the northeasterly angle of Lot 3 in that Concession;

Thence westerly along the northerly limit of Lot 3 in concessions IV, III and II East of Hurontario Street to the northwesterly angle of that Lot 3 in that Concession II;

Thence southerly along the westerly limit of lots 3 and 2 in that Concession to the southwesterly angle of that Lot 2;

Thence westerly to and along the southerly limit of Lot 2 in Concession I East of Hurontario Street to the easterly boundary of the Town of Orangeville;

Thence northerly and westerly along the boundary between the Township of Mono and the Town of Orangeville to the easterly limit of those portions of the King's Highway known as Nos. 10 and 24;

Thence northerly along that easterly limit to the southerly limit of Lot 6 in Concession I West of Hurontario Street;

Thence easterly along that southerly limit to the southeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 6, 7, 8 and 9 in that Concession to the northeasterly angle of that Lot 9;

Thence easterly to and along the northerly limit of Lot 9 in Concession I East of Hurontario Street to the northeasterly angle of that Lot 9;

Thence northerly along the easterly limit of lots 10 and 11 in that Concession to the northeasterly angle of that Lot 11;

Thence westerly along the northerly limit of that Lot to the northwesterly angle of that Lot;

Thence northerly along the westerly limit of Lot 12 in that Concession to the northwesterly angle of that Lot;

Thence easterly along the northerly limit of that Lot to the northeasterly angle of that Lot;

Thence northerly along the easterly limit of that Concession to the southeasterly angle of Lot 28 in that Concession;

Thence westerly along the southerly limit of that Lot to the southwesterly angle of that Lot;

Thence northerly along the westerly limit of that Concession to the northerly boundary of the Township of Mono;

Thence easterly along that northerly boundary to the westerly limit of Lot 32 in Concession III East of Hurontario Street;

Thence southerly along the westerly limit of lots 32, 31 and 30 in that Concession to the southwesterly angle of that Lot 30;

Thence easterly along the southerly limit of that Lot to the southeasterly angle of that Lot;

Thence southerly along the easterly limit of Lot 29 in that Concession to the southeasterly angle of that Lot;

Thence easterly to and along the northerly limit of Lot 28 in Concession IV East of Hurontario Street to the easterly limit of that Concession;

Thence southerly along that easterly limit to the northeasterly angle of Lot 15 in that Concession;

Thence easterly to and along the northerly limit of Lot 15 in concessions V, VI, VII and VIII East of Hurontario Street to the easterly boundary of the Township of Mono;

Thence southerly along that easterly boundary to the southerly limit of Lot 11 in that Concession VIII;

Thence westerly along that southerly limit to the southwesterly angle of that Lot;

Thence southerly along the westerly limit of that Concession to the southwesterly angle of Lot 4 in that Concession;

Thence easterly along the southerly limit of that Lot to the southwesterly angle of the southeasterly quarter of that Lot;

Thence northerly along the westerly limit of the southeasterly quarter of that Lot to the northwesterly angle of that quarter;

Thence easterly along the northerly limit of the southeasterly quarter of that Lot

and its prolongation to the easterly boundary of the Township of Mono;

Thence southerly and westerly following the boundaries of that Township to the place of beginning.

9. In the Township of Mulmur in the County of Dufferin, being composed of the lands described as follows:

Beginning at the intersection of the southerly boundary of the Township of Mulmur and the centre line of Concession II east of Hurontario Street;

Thence northerly along that centre line to the southerly limit of Lot 5 in the said Concession;

Thence easterly along that limit to the easterly limit of the said Concession;

Thence northerly along that limit to the northeasterly angle of Lot 14 in the said Concession;

Thence westerly along the northerly limit of that Lot to its northwesterly angle;

Thence northerly along the westerly limit of the said Concession to the southwesterly angle of Lot 23 in the said Concession;

Thence easterly along the southerly limit of that Lot to its southeasterly angle;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence easterly to and along the southerly limit of Lot 24 in Concession III East of Hurontario Street to its southeasterly angle;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence easterly to and along the northerly limit of Lot 24 in Concession IV East of Hurontario Street to its northeasterly angle;

Thence northerly along the easterly limit of the said Concession to the northerly boundary of the Township of Mulmur;

Thence westerly and southerly following the boundaries of the said Township to the westerly prolongation of the northerly limit of Lot 30 in Concession III West of Hurontario Street;

Thence easterly to and along the northerly limit of Lot 30 in concessions III and II

West of Hurontario Street to the easterly limit of the said Concession;

Thence southerly along that limit to the northeasterly angle of Lot 25 in the said Concession;

Thence westerly along the northerly limit of that Lot to a point distant 400 feet measured easterly therealong from the northwesterly angle of the said Lot;

Thence southerly and parallel with the westerly limit of that Lot a distance of 400 feet to a point;

Thence westerly and parallel with the northerly limit of the said Lot to its westerly limit;

Thence southerly along the westerly limit of the said Concession to the northwesterly angle of Lot 21 in the said Concession;

Thence westerly to and along the northerly limit of Lot 21 in Concession III West of Hurontario Street and its prolongation to the westerly boundary of the Township of Mulmur;

Thence southerly along that boundary to the northwesterly angle of Lot 2 in Concession III West of Hurontario Street;

Thence easterly along the northerly limit of the west half of that Lot to its north-easterly angle;

Thence southerly along the easterly limit of the west half of lots 2 and 1 to the southerly boundary of the Township of Mulmur;

Thence easterly along that boundary to the place of beginning.

10. In the Township of Artemesia in the County of Grey and being composed of the lands described as follows:

Beginning at a point in the northerly boundary of the said Township where it is intersected by the northerly prolongation of the easterly limit of Lot 31 in Concession XIV;

Thence southerly to and along the easterly limit of that Lot to its southeasterly angle;

Thence westerly along the southerly limit of the said Lot to its southwesterly angle;

Thence southerly along the westerly limit of Lot 31 in Concession XIII to its southwesterly angle;

Thence westerly to and along the southerly limit of Lot 30 in the said Concession to its southwesterly angle;

Thence southerly to and along the easterly limit of Lot 29 in concessions XII, XI, X and IX to the southerly limit of the said Concession;

Thence westerly along the southerly limit of Lot 29 in the said Concession to its southwesterly angle;

Thence southerly to and along the easterly limit of Lot 28 in Concession VIII to its southeasterly angle;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence southerly along the easterly limit of Lot 27 in Concession VII to its south-easterly angle;

Thence westerly along the southerly limit of lots 27 and 26 in the said Concession to the easterly limit of the road allowance between lots 25 and 26 in the said Concession;

Thence northerly along that easterly limit to the northerly limit of Napoleon Street;

Thence easterly along that northerly limit to the easterly limit of Inkerman Street;

Thence northerly along that easterly limit to the north limit of Canrobert Street;

Thence easterly along that northerly limit to the easterly limit of Cardigan Street;

Thence northerly along that easterly limit to the southerly limit of Simpson Street;

Thence easterly along that southerly limit, a distance of 700 feet to a point;

Thence southerly and parallel with the easterly limit of Cardigan Street to the northerly limit of Canrobert Street;

Thence easterly along that northerly limit to the westerly limit of Kinburn Street;

Thence northeasterly in a straight line to the intersection of the northerly prolongation of the westerly limit of East Street and the high-water mark of Eugenia Lake;

Thence westerly and northerly following the said high-water mark to the northerly high-water mark of Beaver River;

Thence westerly following the said high-water mark of that River to the easterly limit of Inkerman Street;

Thence northerly along that limit to the southerly limit of North Street;

Thence westerly along that southerly limit to a point distant 200 feet west of the westerly limit of County Road Number 13;

Thence southerly and parallel with the easterly limit of Lot 26 in Concession X to the southerly limit of Park Street;

Thence westerly along that southerly limit to the westerly limit of Redan Street;

Thence southerly along that westerly limit to the northerly limit of Adeline Street;

Thence westerly along that northerly limit to the westerly limit of the road allowance between lots 25 and 26;

Thence southerly along that westerly limit to the southeasterly angle of Lot 25 in Concession VII;

Thence southerly to and along the easterly limit of Lot 25 in Concession VI to its southerly angle;

Thence northwesterly along the northeasterly limit of Lot 155 in Concession III East of Toronto Sydenham Road;

Thence southwesterly along the northwesterly limit of that Lot to its westerly angle;

Thence northwesterly along the southwesterly limit of lots 154, 153, 152 and 151 in the said Concession to the westerly angle of the said Lot;

Thence southwesterly to and along the northwesterly limit of Lot 151 in Concession II East of Toronto Sydenham Road to its westerly angle;

Thence northwesterly along the southwesterly limit of the said Concession to the westerly angle of Lot 140 in the said Concession;

Thence northeasterly along the northwesterly limit of that Lot to its northerly angle;

Thence northwesterly along the north-easterly limit of the said Concession to the northerly angle of Lot 135 in the said Concession;

Thence northeasterly to and along the northwesterly limit of Lot 135 in Con-

cession III East of Toronto Sydenham Road to its northerly angle;

Thence northwesterly along the north-easterly limit of the said Concession to the westerly limit of Lot 18 in Concession X;

Thence northerly along the westerly limit of Lot 18 in concessions X, XI, XII and XIII to the northwesterly angle of Lot 18 in the said Concession;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence northerly along the easterly limit of Lot 18 in Concession XIV and its prolongation to the northerly boundary of the Township of Artemesia;

Thence easterly along that boundary to the place of beginning.

11. In the Township of Collingwood in the County of Grey, being composed of those lands more particularly described as follows:

Beginning at the southeasterly angle of the Township of Collingwood;

Thence westerly along the southerly boundary of the said Township to the southerly prolongation of the easterly limit of Lot 1 in Concession V;

Thence northerly along the easterly limit of that Concession to the northeasterly angle of Lot 12 in the said Concession;

Thence westerly along the northerly limit of Lot 12 in concessions V and VI to the westerly limit of that Concession VI;

Thence southerly along that westerly limit to the northwesterly angle of Lot 5 in that Concession;

Thence westerly to and along the northerly limit of Lot 5 in Concession VII to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly along the northerly limit of Lot 4 in Concession VIII to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 3 in Concession IX to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of lots 3, 2 and 1 in that Concession and its prolongation to the southerly boundary of the Township of Collingwood;

Thence westerly and northerly along the boundaries of that Township to the westerly prolongation of the northerly limit of Lot 16 in Concession XII;

Thence easterly to and along that northerly limit to the northeasterly angle of that Lot;

Thence southerly along the easterly limit of lots 16 and 15 in that Concession to the southeasterly angle of that Lot 15;

Thence easterly along the southerly limit of Lot 15 in concessions XI and X to the southeasterly angle of that Lot 15 in Concession X;

Thence northerly along the easterly limit of lots 15 and 16 in that Concession to the northeasterly angle of that Lot 16;

Thence easterly along the southerly limit of Lot 17 in Concession IX to the southeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 17 and 18 in that Concession to the northeasterly angle of that Lot 18;

Thence easterly to and along the northerly limit of Lot 18 in Concession VIII to the northeasterly angle of that Lot;

Thence northerly along the easterly limit of that Concession to the northeasterly angle of Lot 23 in that Concession;

Thence easterly along the northerly limit of Lot 23 in Concession VII to the north-easterly angle of that Lot;

Thence northerly along the easterly limit of lots 24 and 25 in that Concession to the northeasterly angle of that Lot 25;

Thence easterly to and along the southerly limit of Lot 26 in Concession VI to the southeasterly angle of that Lot;

Thence northerly along the westerly limit of Lot 26 in Concession V to the high-water mark of Georgian Bay;

Thence easterly along that high-water mark to the line between the easterly and westerly halves of that Lot;

Thence southerly along that line to the southerly limit of that portion of the King's Highway known as No. 26;

Thence westerly along that southerly limit to the northerly prolongation of the westerly limit of the lands shown on a Plan registered in the Land Registry Office for the Land Registry Division of Grey North (No. 16) as Number 903;

Thence southerly to and along that westerly limit to the southerly limit of Wensley Drive as shown on that Plan;

Thence easterly along that southerly limit to the northwesterly angle of Lot 25 as shown on that Plan;

Thence southerly and easterly along the southwesterly limit of that Plan to the southeasterly angle of that Plan;

Thence northerly along the easterly limit of that Plan and its northerly prolongation to the southerly limit of that portion of the King's Highway known as No. 26;

Thence easterly along that southerly limit to the westerly limit of the road allowance between concessions IV and V;

Thence southerly along that westerly limit to the southeasterly angle of Lot 25 in that Concession V;

Thence easterly to and along the northerly limit of the Public Road shown on a Plan registered in that Land Registry Office as Number 772 to the southeasterly angle of Lot 23 as shown on that Plan;

Thence northeasterly along the southeasterly limit of that Plan to the northeasterly angle of that Plan;

Thence southwesterly along the northwesterly limit of the southerly portion of that Plan to the easterly limit of the road allowance between concessions IV and V;

Thence northerly along that easterly limit to the southerly limit of Barclay Boulevard as shown on that Plan;

Thence easterly along that southerly limit to the westerly limit of Lot 1 as shown on that Plan;

Thence southerly and easterly following the limit of the northerly portion of the lands as shown on that Plan to the easterly limit of Barclay Boulevard;

Thence northwesterly along the northeasterly limit of Barclay Boulevard to the easterly limit of the road allowance between concessions IV and V;

Thence northerly along that easterly limit to the southerly limit of that portion of the King's Highway known as No. 26;

Thence easterly along that southerly limit to the easterly limit of Lot 24 in Concession IV;

Thence southerly along that easterly limit to the southeasterly angle of that Lot;

Thence westerly along the southerly limit of that Lot to the northwesterly limit of the lands shown on a Plan registered in that Land Registry Office as Number 880;

Thence southwesterly along that northwesterly limit to the northerly angle of the lands shown on a Plan registered in that Land Registry Office as Number 937;

Thence southwesterly along the northwesterly limit of that Plan to the northeasterly angle of Block A as shown on a Plan registered in that Land Registry Office as Number 880;

Thence westerly and southerly along the northwesterly limit of that Plan to the southwesterly angle of that Plan, the said angle being on the line between the north and south halves of Lot 23 in that Concession IV;

Thence easterly along that line to the westerly limit of Concession III;

Thence northerly along that westerly limit to the southwesterly limit of that portion of the King's Highway known as No. 26;

Thence southeasterly along that southwesterly limit to the easterly limit of Concession III;

Thence southerly along that easterly limit to the northerly limit of the lands shown on a Plan registered in that Land Registry Office as Number 634;

Thence westerly along that northerly limit to the easterly limit of the lands shown on a Plan registered in that Land Registry Office as Number 775;

Thence northwesterly along the northeasterly limit of that Plan to the southerly limit of the northerly portion of the lands shown on that Plan;

Thence easterly and northerly along the southeasterly limit of the northerly portion of that Plan to the northerly limit of Lot 21 in that Concession III;

Thence westerly along that northerly limit to the westerly angle of the lands shown on a Plan registered in that Land Registry Office as Number 634;

Thence southeasterly along the south-westerly limit of the lands shown on that Plan to the southerly limit of that Lot 21;

Thence easterly along that southerly limit to the easterly limit of that Concession III;

Thence southerly along the easterly limit of that Concession to the northeasterly angle of Lot 17 in that Concession;

Thence easterly to and along the northerly limit of Lot 17 in Concession II to the northeasterly angle of that Lot;

Thence southerly along the easterly limit of that Lot to the northerly limit of the lands shown on a Plan registered in that Land Registry Office as Number 915;

Thence westerly along that northerly limit to the southwesterly limit of Winter Park Road as shown on that Plan;

Thence southeasterly along that south-westerly limit to the easterly limit of that Concession II;

Thence southerly along the easterly limit of that Concession to the northeasterly angle of Lot 9 in that Concession;

Thence easterly along the northerly limit of Lot 9 in Concession I and its prolongation to the easterly boundary of the Township of Collingwood;

Thence southerly along that boundary to the place of beginning.

12. In the Township of Derby in the County of Grey and being composed of the lands described as follows:

Beginning at the intersection of the easterly boundary of the Township and the easterly prolongation of the southerly limit of Lot 9 in Concession I;

Thence westerly to and along the southerly limit of Lot 9 in concessions I and II to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly to and along the northerly limit of Lot 9 in Concession III to its northwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northwesterly angle of Lot 14 in the said Concession;

Thence westerly along the northerly limit of Lot 14 in Concession IV to its northwesterly angle;

Thence northerly along the westerly limit of Lot 15 in the said Concession to its northwesterly angle;

Thence westerly to and along the southerly limit of Lot 16 in Concession V to its southwesterly angle;

Thence northerly along the westerly limit of lots 16 and 17 in the said Concession to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of that Lot to the southwesterly angle of Lot 2 in the Indian Strip;

Thence northerly along the westerly limit of that Lot and its prolongation to the boundary between the townships of Derby and Keppel;

Thence easterly along the northerly boundary of the Township of Derby to the boundary of the City of Owen Sound;

Thence southerly and easterly along the boundaries between the said Township and the said City to the bottom of the escarpment in Lot 14 in Concession II;

Thence southeasterly along the bottom of the escarpment to the northerly limit of Lot 12 in the said Concession;

Thence easterly along the northerly limit of Lot 12 in concessions II and I to the easterly boundary of the Township of Derby;

Thence southerly along that boundary to the place of beginning.

13. In the Township of Euphrasia in the County of Grey and being composed of the lands described as follows:

Beginning at the intersection of the southerly boundary of the Township of Euphrasia and the westerly limit of Concession VII;

Thence northerly along the westerly limit of lots 1, 2, 3 and 4 in the said Concession to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of that Lot to its northeasterly angle;

Thence northerly along the easterly limit of the said Concession to the northeasterly angle of Lot 18 in the said Concession;

Thence easterly to and along the northerly limit of Lot 18 in Concession VI to its northeasterly angle;

Thence northerly along the easterly limit of the said Concession to the southeasterly angle of Lot 27 in the said Concession;

Thence westerly along the southerly limit of Lot 27 in concessions VI, VII and VIII to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly along the southerly limit of the road allowance between lots 27 and 28 to the westerly boundary of the Township of Euphrasia;

Thence northerly and easterly along the boundaries of the said Township to the westerly limit of Concession I;

Thence southerly along the westerly limit of the said Concession to the southwesterly angle of Lot 17 in the said Concession;

Thence easterly along the southerly limit of that Lot and its prolongation to the easterly boundary of the Township of Euphrasia;

Thence southerly along that boundary to the easterly prolongation of the southerly limit of Lot 4 in the said Concession;

Thence westerly to and along that limit to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of lots 4, 5 and 6 in the said Concession to the northwesterly angle of the said Lot;

Thence westerly along the northerly limit of Lot 6 in Concession II to its northwesterly angle;

Thence southerly along the westerly limit of the said Concession to the southerly boundary of the Township of Euphrasia;

Thence westerly along that boundary to the westerly limit of Concession IV;

Thence northerly along that limit to the northwesterly angle of Lot 4 in the said Concession;

Thence easterly along the southerly limit of Lot 5 in the said Concession, a distance of 800 feet to a point;

Thence northwesterly to a point on the northerly limit of the southerly quarter of that Lot, distant 500 feet from the westerly limit of the said Lot;

Thence westerly along the northerly limit of the southerly quarter of that Lot 5 to a point distant 300 feet measured therealong from the westerly limit of the said Lot;

Thence northerly and parallel with the westerly limit of that Lot to the southerly limit of the northerly half of the said Lot;

Thence easterly along the said half lot line to a point 400 feet measured easterly therealong from the westerly limit of that Lot;

Thence northerly and parallel with the westerly limit of that Lot to its northerly limit;

Thence westerly along the southerly limit of Lot 6 in the said Concession to a point distant 300 feet measured easterly therealong from its southwesterly angle;

Thence northerly and parallel with the westerly limit of that Lot, a distance of 700 feet to a point;

Thence westerly and parallel with the southerly limit of the said Lot, a distance of 100 feet to a point;

Thence northerly and parallel with the westerly limit of that Lot to the northerly limit of the southerly half of the said Lot;

Thence westerly along that limit and its prolongation to the easterly limit of Lot 6 in Concession V;

Thence southerly along that easterly limit, a distance of 350 feet to a point;

Thence westerly at right angles with that limit, a distance of 100 feet to a point;

Thence southerly and parallel with that limit to the northerly limit of the southerly quarter of the said Lot;

Thence westerly along the northerly limit of the southerly quarter of that Lot to a point distant 300 feet measured westerly therealong from the easterly limit of the said Lot;

Thence southerly and parallel with the easterly limit of that Lot, a distance of 250 feet to a point;

Thence easterly and parallel with the southerly limit of the said Lot to a point

distant 200 feet measured westerly therealong from the easterly limit of that Lot;

Thence southerly and parallel with that limit to the northerly limit of Lot 5 in the said Concession;

Thence westerly along that limit to a point 500 feet measured westerly therealong from the northeasterly angle of the said Lot;

Thence southerly and parallel with the easterly limit of that Lot to a point 200 feet south of Centre Street;

Thence easterly and parallel with that street, a distance of 80 feet to a point;

Thence southerly and parallel with the easterly limit of the said Lot, a distance of 150 feet to a point;

Thence easterly and parallel with the said street a distance of 150 feet to a point;

Thence southerly and parallel with the easterly limit of the said Lot to the northerly limit of the southerly half of that Lot;

Thence westerly along the half lot line to a point distant 350 feet measured westerly therealong from the easterly limit of the said Lot;

Thence southerly and parallel with that limit a distance of 300 feet to a point;

Thence easterly and parallel with the half lot line of the said Lot to the easterly limit of the said Concession;

Thence southerly along that limit to the southerly boundary of the Township of Euphrasia;

Thence westerly along that boundary to the place of beginning.

14. In the Township of Holland in the County of Grey and being composed of lands described as follows:

Beginning at the northeasterly angle of the Township of Holland;

Thence southerly along the easterly boundary of the said Township to the easterly prolongation of the northerly limit of Lot 4 in Concession XII;

Thence westerly to and along that limit to the northwesterly angle of the said Lot;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly along the northerly limit of Lot 5 in Concession XI to its northwesterly angle;

Thence southerly along the westerly limit of lots 5, 6 and 7 in the said Concession to the southwesterly angle of the said Lot;

Thence westerly to and along the northerly limit of Lot 8 in Concession X to its northwesterly angle;

Thence southerly along the easterly limit of lots 8 and 9 in Concession IX to the southeasterly angle of the said Lot;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence southerly to and along the westerly limit of Lot 10 in the said Concession to its southwesterly angle;

Thence westerly to and along the southerly limit of Lot 10 in Concession VIII to its southwesterly angle;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly to and along the southerly limit of Lot 9 in Concession VII to the northeasterly limit of Concession IV East of the Toronto Sydenham Road;

Thence northwesterly following that limit and its prolongation to the southerly limit of Lot 6 in Concession VI;

Thence westerly along that southerly limit to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the northerly boundary of the Township of Holland;

Thence easterly along that boundary to the place of beginning.

15. In the Township of Keppel in the County of Grey and being composed of the lands described as follows:

i. Beginning at the southeasterly angle of the Township of Keppel;

Thence westerly along the southerly boundary of the said Township to the southerly prolongation of the easterly limit of Lot 25 in Concession A;

Thence northerly to and along the easterly limit of that Lot and its prolongation to the

southwesterly limit of Lot 1 in Concession II South of Oliphant Road;

Thence northwesterly along that southwesterly limit to the westerly angle of the said Lot;

Thence northeasterly along the northwesterly limit of Lot 1 in concessions II and I South of Oliphant Road to the northerly angle of the said Lot;

Thence northwesterly along the northeasterly limit of lots 2 and 3 in the said Concession to the northeasterly angle of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 3 in Concession I North of Oliphant Road to its northerly angle;

Thence northwesterly along the southwesterly limit of lots 4 and 5 in Concession II North of Oliphant Road to the westerly angle of the said Lot;

Thence northeasterly along the northwesterly limit of that Lot to its northerly angle;

Thence northwesterly along the northeasterly limit of lots 6 and 7 in the said Concession to the southerly prolongation of the westerly limit of Lot 27 in Concession VIII;

Thence northerly to and along that westerly limit to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of the said Lot to its northeasterly angle;

Thence northerly along the easterly limit of Lot 27 in Concession IX to its northeasterly angle;

Thence westerly along the northerly limit of lots 27, 26 and 25 in the said Concession to the northwesterly angle of the said Lot;

Thence northerly to and along the easterly limit of Lot 24 in Concession X to its northeasterly angle;

Thence westerly along the northerly limit of that Lot to its northwesterly angle;

Thence northerly along the westerly limit of Lot 24 in concessions XI, XII and XIII to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of lots 24 and 25 in the said Concession to the northeasterly angle of the said Lot;

Thence northerly to and along the easterly limit of Lot 25 in concessions XIV, XV, XVI and XVII to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of that Lot to its northwesterly angle;

Thence northerly along the westerly limit of Lot 25 in concessions XVIII and XIX and its prolongation to the southerly limit of Lot 24 in Concession XX;

Thence westerly along the southerly limit of lots 24 and 23 in the said Concession to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of Lot 23 in concessions XX and XXI to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of lots 23, 24 and 25 in the said Concession to the northeasterly angle of the said Lot;

Thence northerly along the easterly limit of Lot 25 in concessions XXII, XXIII, XXIV and XXV to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of the said Concession to the northwesterly angle of Lot 21 in the said Concession;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly along the southerly limit of the said Concession to the southwesterly angle of Lot 17 in the said Concession;

Thence southerly along the easterly limit of Lot 16 in Concession XXIV to its southwesterly angle;

Thence westerly along the southerly limit of the said Concession to the southwesterly angle of Lot 11 in the said Concession;

Thence southerly along the westerly limit of Lot 11 in concessions XXIII and XXII to the southwesterly angle of the said Lot;

Thence westerly along the southerly limit of the said Concession to the southwesterly angle of Lot 7 in the said Concession;

Thence southerly to and along the easterly limit of Lot 6 in Concession XXI to its southeasterly angle;

Thence westerly along the southerly limit of the said Concession to the southwesterly angle of Lot 2 in the said Concession;

Thence northerly along the westerly limit of that Lot and its prolongation to the southerly boundary of the Town of Wiarton;

Thence following the boundaries between the Township of Keppel and the said Town to the northwesterly boundary of the said Township;

Thence following the boundaries of the said Township in Georgian Bay, in accordance with the *Territorial Division Act* to the boundary between the townships of Keppel and Sarawak;

Thence westerly and southerly following the boundaries between the said townships to the place of beginning.

ii. Including those two islands in Georgian Bay.

16. In the Township of Osprey in the County of Grey and being composed of the lands described as follows:

i. Beginning at the northeasterly angle of the Township of Osprey;

Thence southerly along the easterly boundary of the said Township to the easterly prolongation of the northerly limit of Lot 22 in Concession A;

Thence westerly to and along that limit and the northerly limit of Lot 37 in Concession XII to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of the said Lot to its southwesterly angle;

Thence westerly along the southerly limit of lots 36 and 35 in the said Concession to the southwesterly angle of the said Lot;

Thence southerly along the easterly limit of Lot 34 in Concession XI and its prolongation to the northerly limit of Concession X;

Thence westerly along that limit to the northwesterly angle of Lot 30 in the said Concession;

Thence northerly to and along the easterly limit of Lot 29 in Concession XI to its northeasterly angle;

Thence westerly along the northerly limit of lots 29 and 28, respectively, in the said

Concession to the northwesterly angle of the said Lot;

Thence northerly along the easterly limit of Lot 27 in Concession XII to its northeasterly angle;

Thence westerly along the northerly limit of that Lot to the northwesterly angle of the said Lot;

Thence northerly to and along the easterly limit of Lot 26 in Concession XIII to its northeasterly angle;

Thence westerly along the northerly limit of that Lot to its northwesterly angle;

Thence northerly to and along the westerly limit of Lot 26 in Concession XIV and its prolongation to the boundary between the townships of Osprey and Collingwood;

Thence easterly along the northerly boundary of the Township of Osprey to its northeasterly angle, being the place of beginning.

ii. Beginning at the intersection of the northerly boundary of the Township of Osprey and the northerly prolongation of the westerly limit of Lot 3 in Concession XIV;

Thence southerly to and along that limit to its southwesterly angle;

Thence easterly along the southerly limit of the said Concession to the southeasterly angle of Lot 7 in the said Concession;

Thence northerly along the westerly limit of that Lot and its prolongation to the northerly boundary of the Township of Osprey;

Thence westerly along that boundary to the place of beginning.

17. In the City of Owen Sound in the County of Grey and being composed of the lands described as follows:

Beginning at the point of intersection of the southerly boundary of the City of Owen Sound and the brow of the escarpment, the said point being 1,238 feet measured westerly therealong from the easterly limit of Terrace Street;

Thence northerly and westerly along the brow of the escarpment in Range III West of the river to the westerly boundary of the said City;

Thence southerly along that boundary to its southwesterly angle;

Thence easterly along the southerly boundary of the said City to the place of beginning.

18. In the Township of St. Vincent in the County of Grey being composed of those lands more particularly described as follows:

- i. Beginning at the intersection of the southerly boundary of the Township of St. Vincent and the easterly limit of Concession II;

Thence northerly along that easterly limit to the northeasterly angle of Lot 2 in that Concession;

Thence westerly along the northerly limit of that Lot to the northwesterly angle of that Lot;

Thence northerly along the westerly limit of Lot 3 in that Concession to the northwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 3 in concessions III, IV and V to the northwesterly angle of Lot 3 in that Concession V;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly along the northerly limit of Lot 2 in Concession VI to the westerly limit of that Lot;

Thence southerly along that westerly limit to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 1 in concessions VII, VIII and IX to the northwesterly angle of Lot 1 in that Concession IX;

Thence northerly along the westerly limit of Lot 2 in that Concession to the northwesterly angle of that Lot;

Thence westerly along the northerly limit of Lot 2 in concessions X and XI to the northwesterly angle of Lot 2 in that Concession XI;

Thence northerly along the westerly limit of lots 3 and 4 in that Concession to the northwesterly angle of that Lot 4;

Thence westerly along the northerly limit of Lot 4 in Concession XII and its prolongation to the westerly boundary of the Township of St. Vincent;

Thence southerly along that boundary to the southwesterly angle of that Township;

Thence easterly along the southerly boundary of that Township to the place of beginning.

- ii. Beginning at the intersection of the westerly boundary of the Township of St. Vincent and the high-water mark of Georgian Bay;

Thence easterly and southerly along that high-water mark to the northerly limit of Lot 28 in Concession VI;

Thence westerly along that northerly limit to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 27 in concessions VII and VIII to the northwesterly angle of that Lot 27 in Concession VIII;

Thence southerly along the westerly limit of lots 27, 26 and 25 in that Concession to the southwesterly angle of that Lot 25;

Thence westerly to and along the southerly limit of Lot 25 in Concession IX to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Concession to the northwesterly angle of Lot 21 in that Concession;

Thence westerly along the northerly limit of Lot 21 in Concession X to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of lots 21, 20 and 19 in that Concession to the southwesterly angle of that Lot 19;

Thence westerly to and along the southerly limit of Lot 19 in concessions XI and XII and its prolongation to the westerly boundary of the Township of St. Vincent;

Thence northerly along that westerly boundary to the place of beginning.

19. All of the Township of Sarawak in the County of Grey.

20. In the Township of Sydenham in the County of Grey and being composed of the lands described as follows:

- i. Beginning at the place of intersection of the southerly boundary of the Township of Sydenham and the westerly limit of Lot 1 in Concession VII;

Thence northerly to and along that westerly limit to the northwesterly angle of Lot 10 in that Concession;

Thence easterly along the northerly limit of that Lot to the northeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 11, 12 and 13 in that Concession to the northeasterly angle of that Lot 13;

Thence easterly to and along the northerly limit of Lot 13 in Concession VI to the northeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 14 and 15 in that Concession to the northeasterly angle of that Lot 15;

Thence westerly along the northerly limit of that Lot to the northwesterly angle of that Lot;

Thence northerly to and along the easterly limit of Lot 19 in Concession II South of Centre Road to the northeasterly angle of that Lot;

Thence westerly along the northerly limit of that Lot to the southeasterly angle of Lot 20 in Concession I South of Centre Road;

Thence northerly along the easterly limit of that Lot to the northeasterly angle of that Lot;

Thence westerly along the northerly limit of lots 20, 21 and 22 in that Concession to the northwesterly angle of that Lot 22;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly along the southerly limit of Lot 23 in that Concession to the southwesterly angle of that Lot;

Thence southerly along the westerly limit of Lot 23 in Concession II South of Centre Road and its prolongation to the northerly limit of Lot 15 in Concession VIII;

Thence westerly along that northerly limit to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Concession to the southwesterly angle of Lot 13 in that Concession;

Thence westerly to and along the southerly limit of Lot 13 in Concession IX to the southwesterly angle of that Lot;

Thence southerly along the westerly limit of lots 12 and 11 in that Concession to the southwesterly angle of that Lot 11;

Thence westerly along the southerly limit of Lot 11 in concessions X and XI to the southwesterly angle of that Lot 11 in that Concession XI;

Thence southerly along the easterly limit of Lot 10 in Concession XII to the southeasterly angle of that Lot;

Thence westerly along the southerly limit of that Lot and its prolongation to the boundary between the townships of Sydenham and Derby;

Thence northerly along the westerly boundary of the Township of Sydenham to the southerly boundary of the City of Owen Sound;

Thence northerly following that City boundary to the northerly limit of Lot 20 in Concession X;

Thence easterly along that northerly limit and its prolongation to the westerly limit of Lot 42 in Concession B;

Thence northerly along that westerly limit to the northerly angle of that Lot;

Thence southeasterly along the northeasterly limit of that Lot to the easterly angle of that Lot;

Thence northeasterly along the southeasterly limit of that Concession B to the easterly angle of Lot 33 in that Concession;

Thence southeasterly to and along the northeasterly limit of Lot 33 in Concession C to the easterly angle of that Lot;

Thence northeasterly along the southeasterly limit of lots 32, 31 and 30 in that Concession to the easterly angle of that Lot 30;

Thence easterly to and along the northerly limit of Lot 25 in Concession VI to the northeasterly angle of that Lot;

Thence southerly along the easterly limit of lots 25 and 24 in that Concession to the southeasterly angle of that Lot 24;

Thence easterly to and along the southerly limit of Lot 24 in concessions V and IV to the southeasterly angle of that Lot 24 in that Concession IV;

Thence northerly along the easterly limit of lots 24 and 25 in that Concession to the northeasterly angle of that Lot 25;

Thence easterly along the southerly limit of Lot 26 in Concession III to the southeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 26 and 27 in that Concession to the northeasterly angle of that Lot 27;

Thence easterly to and along the northerly limit of Lot 27 in Concession II to the northeasterly angle of that Lot;

Thence northerly to and along the westerly limit of lots 28 and 29 in Concession I to the northwesterly angle of that Lot 29;

Thence easterly along the northerly limit of that Lot and its prolongation to the easterly boundary of the Township of Sydenham;

Thence southerly along that easterly boundary to the easterly prolongation of the northerly limit of Lot 14 in that Concession;

Thence westerly to and along that northerly limit to the northwesterly angle of the said Lot;

Thence southerly along the westerly limit of lots 14, 13 and 12 in that Concession to the southwesterly angle of that Lot 12;

Thence westerly along the southerly limit of Lot 12 in Concession II to the southwesterly angle of that Lot;

Thence southerly to and along the westerly limit of Lot 11 in that Concession to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 10 in Concession III to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the southerly limit of Lot 10 in Concession IV to the southwesterly angle of that Lot;

Thence southerly along the westerly limit of that Concession to the southwesterly angle of Lot 2 in that Concession;

Thence easterly along the southerly limit of Lot 2 in concessions IV and III to the southeasterly angle of that Lot 2 in that Concession III;

Thence northerly along the easterly limit of that Lot to the northeasterly angle of that Lot;

Thence easterly to and along the northerly limit of Lot 2 in Concession II to the northeasterly angle of that Lot;

Thence northerly along the westerly limit of Concession I to the northerly limit of Lot 6 in that Concession;

Thence easterly along that northerly limit and its prolongation to the easterly boundary of the Township of Sydenham;

Thence southerly along that easterly boundary to the southeasterly angle of that Township;

Thence westerly along the southerly boundary of that Township to the place of beginning.

- ii. Beginning at the intersection of the easterly boundary of the Township of Sydenham and the southerly water's edge of Georgian Bay;

Thence westerly along that water's edge to the westerly limit of Lot 2 in the Broken Front Concession;

Thence southerly along that limit and the westerly limit of Concession A to the northeasterly angle of Lot 3 in the said Concession;

Thence westerly along the northerly limit of the easterly half of the said Lot to its northwesterly angle;

Thence southerly along the westerly limit of the easterly half of that Lot to its southerly limit;

Thence westerly along that southerly limit to the southwesterly angle of the said Lot;

Thence southerly to and along the westerly limit of Lot 3 in Concession C and its prolongation to the southerly limit of Lot 35 in Concession I;

Thence easterly along that southerly limit and its prolongation to the easterly boundary of the Township of Sydenham;

Thence northerly along that boundary to the place of beginning.

21. In the City of Burlington, in The Regional Municipality of Halton, described as follows:

Beginning at the northwesterly angle of the City of Burlington;

Thence easterly along the northerly boundary of the said City to its northerly angle;

Thence southerly along the easterly boundary of that City to the easterly prolongation of the southerly limit of Lot 9 in Concession VI;

Thence westerly to and along the southerly limit of Lot 9 in concessions VI and V to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly to and along the northerly limit of Lot 9 in Concession IV to its northwesterly angle;

Thence southerly along the westerly limit of the said Concession to the southwesterly angle of Lot 7 in the said Concession;

Thence easterly along the southerly limit of that Lot to its southeasterly angle;

Thence southerly along the easterly limit of lots 6 and 5 in Concession IV to the south-easterly angle of the said Lot;

Thence easterly to and along the northerly limit of Lot 4 in Concession V to its north-easterly angle;

Thence southerly along the easterly limit of the said Concession and its prolongation to the northerly limit of Lot 7 in Concession II North of Dundas Street;

Thence westerly along the northerly limit of lots 7 and 8 in the said Concession to the northwesterly angle of the said Lot;

Thence southerly along the westerly limit of that Lot 8 and its prolongation to the southerly limit of the road allowance between concessions I and II North of Dundas Street;

Thence westerly along that southerly limit to the northeasterly angle of Lot 20 in that Concession I;

Thence southerly along the easterly limit of that Lot to the brow of the slope in Lot 6 of Registered Plan Number 540;

Thence southwesterly along the brow of the slope through lots 6, 5, 4 and 3 of that Plan to its intersection with the southerly limit of the northerly three-quarters of that Lot 20;

Thence westerly along the southerly limit of the northerly three-quarters of lots 20, 21 and 22 in that Concession to the westerly limit of that Lot 22;

Thence southerly along that westerly limit to the northerly limit of Dundas Street;

Thence westerly along that northerly limit to the westerly boundary of the City of Burlington;

Thence northerly along the westerly boundary to the place of beginning.

22. In the Town of Halton Hills, in The Regional Municipality of Halton, described as follows:

Beginning at the northerly angle of the Town of Halton Hills;

Thence westerly along the northerly boundary of the said Town to the northwesterly prolongation of the northeasterly limit of Lot 32 in Concession VIII;

Thence southeasterly along the north-easterly limit of lots 32 and 31 in the said Concession to the easterly angle of the said Lot;

Thence southwesterly along the south-easterly limit of that Lot to its southerly angle;

Thence southeasterly along the southwesterly limit of lots 30 and 29 in the said Concession to the southerly angle of the said Lot;

Thence southwesterly to and along the northwesterly limit of Lot 28 in Concession VII to its westerly angle;

Thence southeasterly along the southwesterly limit of lots 28 and 27 in the said Concession to the southerly angle of the said Lot;

Thence southwesterly to and along the southeasterly limit of Lot 27 in concessions VI and V to the southerly angle of the said Lot;

Thence northwesterly along the southwesterly limit of that Lot to its westerly angle;

Thence southwesterly to and along the northwesterly limit of Lot 27 in Concession IV to the centre line of the said Concession;

Thence southeasterly along that centre line to the northwesterly limit of Lot 25 in the said Concession;

Thence southwesterly along that limit to the southeasterly angle of the former Town of Acton;

Thence following the southeasterly boundaries of that Town to its southerly angle;

Thence southeasterly along the southwesterly limit of lots 25, 24 and 23 in Concession III to the southerly angle of the said Lot;

Thence northeasterly along the southeasterly limit of that Lot to its easterly angle;

Thence southeasterly along the northeasterly limit of the said Concession to the northwesterly limit of Lot 18 in the said Concession;

Thence southwesterly along the northwesterly limit of that Lot to its westerly angle;

Thence southeasterly along the westerly limit of lots 18 and 17 in the said Concession to the southerly angle of the said Lot;

Thence southwesterly to and along the northwesterly limit of Lot 16 in Concession II and its prolongation to the easterly limit of Concession I;

Thence southeasterly along the easterly limit of lots 16 and 15 in the said Concession to the centre line of the said Lot;

Thence westerly along that centre line and its prolongation to the southwesterly boundary of the Town of Halton Hills;

Thence southeasterly and northeasterly along the boundaries of the said Town to the southeasterly prolongation of the southwesterly limit of Lot 6 in Concession II;

Thence northwesterly along the southwesterly limit of lots 6 and 7 in the said Concession to the westerly angle of the said Lot;

Thence northeasterly along the northwesterly limit of that Lot to its northerly angle;

Thence northwesterly along the easterly limit of lots 8 and 9 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the southeasterly limit of Lot 10 in Concession III to its easterly angle;

Thence northwesterly along the northeasterly limit of lots 10, 11 and 12 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the southeasterly limit of Lot 13 in Concession IV to its easterly angle;

Thence northwesterly along the northeasterly limit of lots 13, 14 and 15 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 15 in Concession V to its northerly angle;

Thence northwesterly to and along the northeasterly limit of lots 16 and 17 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 17 in Concession VI to its northerly angle;

Thence northwesterly along the northeasterly limit of lots 18, 19 and 20 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 20 in Concession VII to its northerly angle;

Thence northwesterly to and along the northeasterly limit of lots 21 and 22 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the southeasterly limit of Lot 23 in Concession VIII to its easterly angle;

Thence northwesterly along the northeasterly limit of the said Lot to its northerly angle;

Thence northeasterly to and along the northwesterly limit of Lot 23 in concessions IX and X to the northerly angle of the said Lot;

Thence northwesterly along the easterly limit of lots 24 and 25 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 25 in Concession XI and its prolongation to the northeasterly boundary of the Town of Halton Hills;

Thence northwesterly along that boundary to the place of beginning.

23. In the Town of Milton in The Regional Municipality of Halton described as follows:

Beginning at the southwesterly angle of the Town of Milton;

Thence northwesterly along the southwesterly boundary of the said Town to the intersection of the southwesterly prolongation of the southeasterly limit of Lot 14 in Concession I of the former Township of Nelson;

Thence northeasterly to and along that limit to its easterly angle;

Thence northwesterly along the easterly limit of the said Concession to the town line between the former townships of Nelson and Nassagaweya;

Thence northeasterly along that town line to the northeasterly limit of Concession II of the former Township of Nassagaweya;

Thence northwesterly along that limit to the northerly angle of Lot 5 in the said Concession;

Thence northeasterly to and along the northwesterly limit of Lot 5 in Concession III of the former Township of Nassagaweya to the centre line of the said Lot;

Thence southeasterly along that centre line to the southeasterly limit of the said Lot;

Thence northeasterly along the southerly limit of Lot 5 in concessions III and IV to the centre line of the said Concession;

Thence northwesterly along that centre line to the southeasterly limit of the Canadian Pacific Railway right-of-way;

Thence northeasterly along that right-of-way to the northeasterly limit of Concession IV;

Thence northwesterly along that limit to the southerly limit of that portion of the King's Highway known as the Macdonald-Cartier Freeway;

Thence westerly along that southerly limit to the centre line of that Concession;

Thence northwesterly along that centre line to the northwesterly limit of Lot 6 in the said Concession;

Thence southwesterly along the northerly limit of Lot 6 in concessions IV and III to the centre line of the said Lot;

Thence southeasterly along that centre line to its southeasterly limit;

Thence southwesterly along that limit to its southerly angle;

Thence northwesterly along the southwesterly limit of lots 6, 7, 8 and 9 in the said Concession to the westerly angle of the said Lot;

Thence northeasterly along the northwesterly limit of that Lot to its northerly angle;

Thence northwesterly along the northeasterly limit of lots 10 and 11 in the said Concession to the northerly limit of the said Lot;

Thence northeasterly to and along the northwesterly limit of Lot 11 in Concession IV to the centre line of that Lot;

Thence southeasterly along the centre line of that Lot to its southeasterly limit;

Thence northeasterly along the northwesterly limit of Lot 10 in concessions IV and V to the northerly angle of the said Lot;

Thence southeasterly along the north-easterly limit of that Lot to its easterly angle;

Thence northeasterly to and along the southeasterly limit of Lot 10 in Concession VI to its easterly angle;

Thence northwesterly along the north-easterly limits of lots 10 and 11 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly along the northwesterly limit of Lot 11 in Concession VII and its prolongation to the northeasterly boundary of the Town of Milton;

Thence southeasterly along that boundary being the Town Line between the former townships of Nassagaweya and Esquesing to an angle in the Town of Milton;

Thence southeasterly along that town line to the southerly limit of the Canadian Pacific Railway right-of-way;

Thence easterly along the Canadian Pacific Railway right-of-way to the easterly limit of the Canadian National Railways right-of-way in Lot 15 in Concession I of the former Township of Trafalgar;

Thence southerly along the last-mentioned right-of-way to the northwesterly limit of Lot 10 in the said Concession;

Thence northeasterly along that northwesterly limit to the westerly angle of Lot 10 in Concession II of the former Township of Trafalgar;

Thence southeasterly along the southwesterly limit of that Lot to its southerly angle;

Thence southwesterly to and along the southeasterly limit of Lot 10 in that Concession I to the southerly angle of that Lot;

Thence westerly to and along the southerly limit of Lot 10 in Concession VII of the former Township of Nelson and its prolongation to the boundary of the Town of Milton;

Thence northerly and westerly along that Town boundary to the place of beginning.

24. In the Town of Ancaster in The Regional Municipality of Hamilton-Wentworth, being composed of the lands more particularly described as follows:

Beginning at the place of intersection of the easterly boundary of the Town of Ancaster and the southerly limit of Mohawk Road;

Thence westerly along that southerly limit to the southerly prolongation of the westerly limit of Lime Kiln Road;

Thence northerly to and along that westerly limit to a point distant 325.02 feet measured northerly therealong from the northeasterly angle of Block FX as shown on a Plan registered in the Land Registry Office for the Land Titles Division of Wentworth (No. 62) as Number M-193;

Thence south  $81^{\circ} 15'$  west 470.06 feet to a point;

Thence north  $13^{\circ} 57'$  west 628.95 feet to a point;

Thence north  $51^{\circ} 53' 30''$  west 77.50 feet to a point;

Thence north  $89^{\circ} 41' 30''$  east 545.95 feet to the easterly limit of Lot 47 in Concession II;

Thence north  $13^{\circ} 10' 12''$  west along that easterly limit to the northerly limit of Part 1 as shown on a Plan deposited in the Land Registry Office for the said Land Titles Division as Number 62R-338;

Thence westerly along that northerly limit to the westerly limit of that Lot 47;

Thence northerly along that westerly limit to the southerly limit of Montgomery Drive;

Thence westerly along that southerly limit to the easterly limit of the Old Ancaster Dundas Road;

Thence southerly along that easterly limit to the southerly limit of Part 1 as shown

on a Plan deposited in the Land Registry Office for the Registry Division of Wentworth (No. 62) as Number 62R-2296;

Thence easterly along that southerly limit to the southeasterly limit of that Part 1;

Thence northerly and northwesterly along the easterly limits of that Part 1 to the southerly limit of Montgomery Drive;

Thence easterly along that southerly limit to the westerly limit of that Lot 47 in Concession II;

Thence southerly along that westerly limit to a point distant 47.10 feet measured south  $13^{\circ} 27'$  east from the northerly limit of Part 1 of that Plan Number 62R-338;

Thence south  $13^{\circ} 04'$  east along that westerly limit 144.06 feet to a point;

Thence north  $77^{\circ} 01'$  east 293.68 feet to a point;

Thence south  $20^{\circ} 19'$  east 346.67 feet to a point;

Thence south  $12^{\circ} 59'$  east 90.0 feet to a point;

Thence south  $19^{\circ} 00'$  east 203.65 feet to a point;

Thence south  $83^{\circ} 18' 30''$  west 242.68 feet to a point;

Thence north  $85^{\circ} 16'$  west 122.80 feet to the westerly limit of that Lot 47;

Thence south  $13^{\circ} 04'$  east along that westerly limit 578.58 feet to a point;

Thence north  $87^{\circ} 48'$  east 360.83 feet to a point;

Thence southwesterly along the westerly limit of the land as shown on that Plan Number M-193 to the southerly limit of the Street Widening of Mohawk Road as shown on that Plan;

Thence south  $67^{\circ} 28' 40''$  east along that southerly limit 121.58 feet to a point;

Thence south  $78^{\circ} 04' 50''$  east along that southerly limit 69.29 feet to a point;

Thence north  $1^{\circ} 25' 33''$  west 115.75 feet to a point;

Thence south  $82^{\circ} 23' 35''$  east 61.49 feet to a point;

Thence south  $0^{\circ} 18' 30''$  east 120.0 feet to that southerly limit;

Thence easterly along that southerly limit to an angle in that Plan;

Thence north  $0^{\circ} 22'$  west 120.0 feet to a point;

Thence south  $85^{\circ} 38'$  east 125.0 feet to a point;

Thence south  $0^{\circ} 22'$  east 120.0 feet to the northerly limit of Mohawk Road as shown on a Plan deposited in the Land Registry Office for the said Land Titles Division as Number 62R-338;

Thence south  $85^{\circ} 38'$  east 125.0 feet along that northerly limit to a point;

Thence north  $2^{\circ} 17'$  east 123 feet to a point;

Thence south  $85^{\circ} 38'$  east 60 feet to a point;

Thence south  $2^{\circ} 17'$  west 123 feet to that northerly limit of Mohawk Road;

Thence easterly along that northerly limit to the westerly limit of Lime Kiln Road;

Thence southerly along the prolongation of that westerly limit to the southerly limit of Mohawk Road;

Thence westerly along that southerly limit to the southeasterly limit of Wilson Street East;

Thence northwesterly to and along the westerly limit of the Old Dundas Road to a point 80 feet measured therealong from the northwesterly limit of Wilson Street, the said point being the northerly limit of the lands described in an Instrument registered in the Land Registry Office for the said Registry Division as Number 116905 AB;

Thence westerly along that northerly limit to a line parallel with and distant 250 feet measured northwesterly at right angles from the northwesterly limit of Wilson Street East;

Thence southwestwesterly along that parallel line to the easterly limit of Reding Road;

Thence southerly along that easterly limit and its prolongation to the northwesterly limit of Wilson Street East;

Thence southwestwesterly along that northwesterly limit to the southeasterly angle of Parcel B as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 1050;

Thence westerly along the southeasterly limit of plans registered in the Land Registry Office for the said Registry Division as numbers 1050 and 1147 to the southwestwesterly angle of that Plan 1147;

Thence southwestwesterly along the southeasterly limit of the former Brantford and Hamilton Railway right-of-way and its prolongation to the northwesterly limit of Concession III;

Thence southwestwesterly along that northwesterly limit to a line parallel with and distant 166 feet measured easterly from the westerly limit of Lot 12 as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 464;

Thence northerly along that parallel line 551 feet to the northerly limit of Lot 11 as shown on that Plan;

Thence easterly along the northerly limit of lots 11, 10 and 9 as shown on that Plan 194.13 feet to the westerly limit of the lands shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 883;

Thence northerly along that westerly limit 397.20 feet to the southeasterly angle of Lot 10 as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 930;

Thence westerly along the southerly limit of lots 10, 9 and 8 as shown on that Plan 294 feet, 10 inches to the southwestwesterly angle of that Lot 8;

Thence northerly along the westerly limit of that Lot 129 feet to the southerly limit of Parker Avenue;

Thence easterly along that southerly limit 164 feet to a point;

Thence northerly to and along the easterly limit of Hadley Drive to the southeasterly limit of McGregor Crescent;

Thence northeasterly along that southeasterly limit to the easterly limit of the lands shown on that Plan Number 930;

Thence south  $13^{\circ} 18'$  east along that easterly limit 130 feet to the northerly limit of lands shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 888;

Thence north  $77^{\circ} 00'$  east along that northerly limit 803.47 feet to the westerly limit of Lovers Lane;

Thence north  $12^{\circ} 24'$  west along that westerly limit 735.33 feet to a point;

Thence south  $77^{\circ} 36'$  west 225 feet to a point;

Thence north  $12^{\circ} 24'$  west 225 feet to a point;

Thence north  $77^{\circ} 36'$  east 221 feet to the westerly limit of Lovers Lane;

Thence north  $13^{\circ} 28' 20''$  west along that westerly limit 321.04 feet to a point;

Thence south  $78^{\circ} 11'$  west along the southerly limit of Part 3 as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 62R-1595, 684.31 feet to the southwesterly angle of that Part;

Thence north  $62^{\circ} 49'$  west 602.08 feet to a point;

Thence north  $12^{\circ} 42'$  west 171.65 feet to a point;

Thence south  $77^{\circ} 18'$  west 469.87 feet to the easterly limit of the land shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 1076;

Thence northerly along that easterly limit to the southeasterly angle of the land shown on a Plan registered in the Land Registry Office for the said Land Titles Division as Number 62R-3357;

Thence northerly along the easterly limit of that Plan to the northerly limit of that Plan;

Thence westerly along that northerly limit to the easterly limit of Lot 40 in Concession II;

Thence northerly along that easterly limit 230 feet to the northwesterly limit of that Plan Number 62R-3357;

Thence southwesterly along that northwesterly limit to the westerly limit of that Lot 40;

Thence southerly along that westerly limit 365 feet to the southerly limit of that Plan Number 62R-3357;

Thence easterly along that southerly limit to the easterly limit of the lands shown on that Plan Number 1076;

Thence southerly along the easterly limit of the lands shown on plans registered in that Land Registry Office as numbers 1076

and 783 to the northwesterly angle of Lot 31 as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 930;

Thence easterly along the northerly limit of the lands shown on that Plan to the southeasterly limit of McGregor Crescent;

Thence southwesterly along that southwesterly limit to the easterly limit of Hadley Drive;

Thence southerly along that easterly limit and its prolongation to the southerly limit of Parker Avenue;

Thence westerly along the southerly limit of Parker Avenue and its prolongation to the westerly limit of Parker Avenue;

Thence northerly along that westerly limit 49.67 feet to the southerly limit of the lands shown on that Plan Number 930;

Thence westerly along that southerly limit 179.92 feet to the westerly limit of Lot 42 in Concession II;

Thence south  $77^{\circ} 04'$  west along the northerly limit of a Plan registered in the Land Registry Office for the Land Titles Division of Wentworth (No. 62) as Number 62R-4229 a distance of 100 feet to a point;

Thence south  $78^{\circ} 14' 40''$  west along the northerly limit of that Plan 130.91 feet to the westerly limit of that Plan;

Thence south  $13^{\circ} 09' 50''$  east along that westerly limit 443.79 feet to a point;

Thence south  $13^{\circ} 17'$  east along that westerly limit, being along the easterly limit of Lloyminn Avenue, 294.79 feet to the southerly limit of that Plan Number 62R-4229;

Thence north  $77^{\circ} 00'$  east 411.88 feet to the westerly limit of Lot 12 as shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 464;

Thence south  $13^{\circ} 18'$  east along that westerly limit 325 feet to the southerly limit of Concession II;

Thence south  $13^{\circ} 18'$  east 66 feet to the northwesterly limit of Concession III;

Thence southwesterly along that northwesterly limit to the southeasterly prolongation of the northeasterly limit of Lot 31 in Concession II;

Thence northwesterly to and along that northeasterly limit to the northwesterly limit of that Concession;

Thence southwesterly along that northwesterly limit to the northwesterly angle of Lot 28 in that Concession;

Thence northwesterly to and along the southwesterly limit of Lot 28 in Concession I and its prolongation of the northerly boundary of the Town of Ancaster;

Thence easterly along that northerly boundary to the westerly boundary of the Town of Dundas;

Thence in a general easterly direction following the boundaries between the towns of Ancaster and Dundas to an angle in the westerly boundary of the City of Hamilton;

Thence in a general southeasterly direction following the boundaries between the Town of Ancaster and the City of Hamilton to the place of beginning.

25. In the Town of Dundas in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the northwesterly angle of the Town of Dundas;

Thence easterly along the northerly limit of that Town, being along the southerly limit of the Canadian National Railways right-of-way to the northwesterly angle of the former Town of Dundas;

Thence southerly along the westerly boundary of that former Town, being along the easterly limit of Lot 11 in Concession I of the former Township of West Flamborough to the northerly limit of Governor's Road;

Thence westerly along that northerly limit to the intersection of the northerly prolongation of the centre line of Lot 46 in Concession I of the former Township of Ancaster;

Thence southerly to and along the centre line of that Lot being along the westerly boundary of the said former Town to the southerly limit of the Toronto, Hamilton and Buffalo Railway right-of-way;

Thence in a general westerly direction following the boundaries of the Town of Dundas to the place of beginning.

26. In the Township of Flamborough in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the intersection of the southerly boundary of the Township of Flamborough and the southerly prolongation of the westerly limit of Lot 28 in Concession I of the former Township of Beverly;

Thence northerly to and along the westerly limit of that Lot to its northwesterly angle;

Thence easterly along the northerly limit of the said Concession I to the northeasterly angle of Lot 31 in the said Concession;

Thence northerly to and along the westerly limit of Lot 32 in Concession II of the former Township of Beverly to the southerly limit of that portion of the King's Highway known as No. 5;

Thence easterly along that southerly limit to the westerly limit of Lot 8 in Concession II of the former Township of West Flamborough;

Thence southerly along that westerly limit to an angle of a Plan deposited in the Land Registry Office for the Registry Division of Wentworth (No. 62) as Number M-173;

Thence easterly and southerly along the southwesterly limits of that Plan to the northerly limit of that portion of the King's Highway known as No. 8;

Thence easterly along that northerly limit to the easterly limit of that Lot 8;

Thence northerly along the easterly limit of that Plan to its northeasterly angle;

Thence southwesterly along the northwesterly limit of that Plan to the westerly limit of that Lot;

Thence northerly along that westerly limit to the southerly limit of that portion of the King's Highway known as No. 5;

Thence easterly along that southerly limit to the easterly limit of Lot 15 in the said Concession II;

Thence southerly along that easterly limit to the northerly limit of Harvest Road;

Thence easterly along that northerly limit to the easterly limit of Lot 17 in the said Concession II;

Thence northerly along that easterly limit to the southerly limit of that portion of the King's Highway known as No. 5;

Thence easterly along that southerly limit to the southerly prolongation of the westerly limit of Lot 22 in Concession III of the former Township of West Flamborough;

Thence northerly to and along that westerly limit to the northwesterly angle of the said Lot;

Thence easterly along the northerly limit of lots 22 and 23 in the said Concession II and its prolongation to the boundary between the former townships of West Flamborough and East Flamborough;

Thence southeasterly along that boundary to the southwesterly prolongation of the southerly limit of Lot 13 in Concession IV of the former Township of East Flamborough;

Thence northeasterly to and along the southeasterly limit of the said Concession IV to the southerly angle of Lot 1 in the said Concession;

Thence northwesterly along the southwesterly limit of Lot 1 in concessions IV, V and VI of the former Township of East Flamborough to the westerly angle of Lot 1 in that Concession VI;

Thence southwesterly along the northwesterly limit of lots 2, 3 and 4 in the said Concession VI to the westerly angle of the said Lot 4;

Thence northwesterly to and along the northeasterly limit of Lot 5 in Concession VII of the former Township of East Flamborough to the northerly angle of that Lot;

Thence southwesterly along the northwesterly limit of lots 5, 6 and 7 in the said Concession VII to the westerly angle of the said Lot 7;

Thence northwesterly to and along the southwesterly limit of Lot 7 in Concession VIII of the former Township of East Flamborough to a point distant 200 feet measured southeasterly at right angles from the southeasterly limit of Progreton Road;

Thence northeasterly and parallel with that southeasterly limit to the westerly limit of the right of way of the Canadian Pacific Railways;

Thence northerly along that westerly limit to the southeasterly limit of Lot 3 in Concession IX of the former Township of East Flamborough;

Thence southwesterly along that southeasterly limit of lots 3 and 4 in that Concession IX to the southwesterly limit of that Lot 4;

Thence northwesterly along that southwesterly limit to the southeasterly limit of the easement of the Union Gas Line;

Thence southwesterly along that southwesterly limit to the southwesterly limit of Lot 5 in that Concession IX;

Thence northwesterly along that southwesterly limit of Lot 5 to the westerly angle of that Lot;

Thence northeasterly along the northwesterly limit of the said Concession IX to the northeasterly boundary of the Township of Flamborough;

Thence southeasterly along that northeasterly boundary to a point distant 1,300 feet measured southerly therealong from the southerly limit of that portion of the King's Highway known as No. 5;

Thence westerly and parallel with that southerly limit to the easterly limit of Lot 2 in Concession III in the former Township of East Flamborough;

Thence southerly along that easterly limit to a point distant 2,100 feet measured southerly therealong from the southerly limit of the said portion of the King's Highway;

Thence westerly and parallel with that southerly limit to the westerly limit of that Lot 2;

Thence southerly along that westerly limit to the southerly limit of that Concession III;

Thence westerly along that southerly limit to the easterly limit of the former Village of Waterdown;

Thence northerly along that easterly limit to the southeasterly limit of Back Street;

Thence southwesterly along that southwesterly limit to the westerly limit of George Street;

Thence southwesterly and parallel with the southeasterly limit of Dundas Street

to the easterly limit of the right of way of the Canadian Pacific Railways;

Thence southerly along that easterly limit to the easterly limit of Mill Street;

Thence southerly along that easterly limit to the intersection of the easterly prolongation of the northerly limit of School Street;

Thence westerly along that prolongation to the westerly limit of the right of way of that Railway;

Thence southerly along that westerly limit to the southerly limit of School Street;

Thence westerly along that southerly limit to the easterly limit of Main Street;

Thence southerly along that easterly limit to its intersection with the easterly prolongation of the southeasterly limit of the lands described in an Instrument registered in the Land Registry Office for the Land Registry Division of Wentworth (No. 62) as Number 106711 A.B.;

Thence westerly to and along that southeasterly limit to the easterly angle of the lands shown on a Plan registered in that Land Registry Office as Number M-38;

Thence northwesterly along the north-easterly limit of Lot 11 of that Plan to the northeasterly angle of that Lot;

Thence northwesterly to and along the northeasterly limit of lots 2 and 1 of that Plan to the northeasterly angle of that Lot 1;

Thence southwesterly along the northwesterly limit of that Plan to the easterly angle of an Instrument registered in the said Land Registry Office as Number 93875 H.L.;

Thence southwesterly along the south-easterly limit of that Instrument and its prolongation to the easterly limit of Lot 8 in Concession III in the former Township of East Flamborough;

Thence northerly along that easterly limit to the southeasterly angle of the lands shown on a Plan registered in that Land Registry Office as Number 894;

Thence southwesterly along the south-easterly limits of that Plan to a line parallel with and distant 900 feet measured southerly from the southerly limit of that portion of the King's Highway known as No. 5;

Thence westerly along that parallel line to the easterly limit of Lot 9 in that Concession III;

Thence northerly along the easterly limit a distance of 10 feet to a line parallel with and distant 200 feet measured northerly from the brow of the escarpment;

Thence southwesterly along that parallel line to the northeasterly limit of the lands shown on a Plan registered in that Land Registry Office as Number 953;

Thence southeasterly along that north-easterly limit to a line parallel with and distant 900 feet measured southerly from the southerly limit of that portion of the King's Highway known as No. 5;

Thence westerly along that parallel line to the southwesterly boundary of the former Township of East Flamborough;

Thence southeasterly along that southwesterly boundary to a line parallel with and distant 300 feet measured northwesterly from the brow of the escarpment;

Thence southwesterly along that parallel line to the northerly limit of Concession II of the former Township of West Flamborough;

Thence westerly along that northerly limit to the northwesterly limit of Lot 25 in that Concession II;

Thence southerly along the easterly limit of Lot 24 in that Concession II a distance of 800 feet to a point;

Thence westerly and parallel with the northerly limit of that Lot to its westerly limit;

Thence southerly along that westerly limit 800 feet to a point;

Thence westerly and parallel with the northerly limit of lots 23 and 22 in that Concession II to the westerly limit of that Lot 22;

Thence southerly along the easterly limit of Lot 21 in that Concession II to a point distant 2,400 feet from the northerly limit of that Lot;

Thence westerly and parallel with that northerly limit to the westerly limit of that Lot;

Thence southerly along that westerly limit to a line parallel with and distant 300 feet measured northwesterly from the northwesterly limit of Rock Chapel Road;

Thence southwesterly and southerly and parallel with the westerly limit of that Road to its intersection with a line parallel with and distant 4,400 feet measured southerly from the northerly limit of Lot 20 in that Concession II;

Thence westerly along that parallel line to the westerly limit of that Lot;

Thence southerly along that westerly limit to the southerly limit of that Concession II;

Thence westerly along that southerly limit to the northerly prolongation of the line between the east and west halves of Lot 18 in Concession I of the former Township of West Flamborough;

Thence southerly to and along that line to the brow of the escarpment;

Thence westerly along that brow to the westerly limit of that Lot 18;

Thence southerly along that westerly limit to the southerly boundary of the Township of Flamborough;

Thence following the southerly boundaries of that Township to the place of beginning.

27. In the City of Hamilton in The Regional Municipality of Hamilton-Wentworth, described as follows:

Beginning at the intersection of the westerly boundary of the City of Hamilton and the northerly limit of Scenic Drive;

Thence easterly along the northerly limit of Scenic Drive to a point distant 152.399 metres measured north  $75^{\circ} 05' 20''$  west therealong from the westerly limit of Garth Street;

Thence north  $18^{\circ} 12'$  east 165.339 metres to a point;

Thence northeasterly along a curve to the right having an arc of 23.938 metres and a chord of 21.552 metres measured north  $62^{\circ} 54' 39''$  east to a point;

Thence south  $72^{\circ} 05' 20''$  east 66.128 metres to a point;

Thence northeasterly along a curve to the right having a radius of 13.716 metres, an arc of 3.360 metres and a chord of 3.352 metres measured north  $67^{\circ} 27' 32''$  east to a point;

Thence north  $18^{\circ} 12'$  east 0.305 metres to a point;

Thence north  $68^{\circ} 40' 32''$  east 9.879 metres to a point;

Thence north  $77^{\circ} 01' 26''$  east 17.813 metres to a point;

Thence south  $84^{\circ} 28' 58''$  east 15.621 metres to a point;

Thence south  $73^{\circ} 14'$  east 15.255 metres to a point;

Thence south  $65^{\circ} 08'$  east 15.323 metres to a point in the westerly limit of Garth Street;

Thence northerly along that westerly limit to the westerly prolongation of the northerly limit of Auchmar Road;

Thence easterly to and along that northerly limit to the easterly limit of Auchmar Road;

Thence southerly along that easterly limit to the northerly limit of Fennell Avenue;

Thence easterly along the northerly limit to the westerly limit of West Fifth Street;

Thence northerly along that westerly limit to the westerly prolongation of the southerly limit of Claremont Drive;

Thence easterly to and along that southerly limit to the westerly limit of Upper James Street;

Thence southerly along that westerly limit to the westerly prolongation of the southerly limit of Bull's Lane;

Thence easterly to and along that southerly limit to the easterly limit of Searle Street;

Thence southerly along that easterly limit to the northerly limit of Wycliffe Avenue;

Thence easterly along that northerly limit to the westerly limit of Belvidere Avenue;

Thence northerly along that westerly limit to the northerly limit of Concession Street;

Thence easterly along that northerly limit to the easterly limit of the private laneway known as Rosscliffe Drive;

Thence northerly along that easterly limit to the northerly limit of Mountain Park Avenue;

Thence easterly along that northerly limit to the northerly limit of Concession Street;

Thence easterly along that northerly limit to the northeasterly limit of Mountain Brow Boulevard;

Thence southeasterly along that northeasterly limit to the northerly limit of Mohawk Road East;

Thence easterly along that northerly limit to the easterly limit of the right of way of the Canadian National Railway Company;

Thence southerly along that easterly limit to the southerly limit of Limeridge Road;

Thence easterly along that southerly limit to the easterly limit of a Plan registered in the Land Registry Office for the Land Titles Division of Wentworth (No. 62) as Number M-218;

Thence southerly along the easterly limits of the said Plan to the southerly limit of that Plan;

Thence westerly along the southerly limit of the lands shown on plans registered in the Land Registry Office for the said Land Titles Division as numbers M-218 and M-176 to the easterly limit of the right of way of the Canadian National Railway Company;

Thence southerly along that easterly limit to the centre line of Concession VII of the former Township of Barton;

Thence easterly along that centre line to the westerly limit of Pritchard Road;

Thence northerly along that westerly limit to the southerly limit of Mud Street;

Thence easterly along that southerly limit to the boundary between the City of Hamilton and the Town of Stoney Creek;

Thence in a general northeasterly direction along that boundary to the intersection of the southerly limit of the right of way of the Toronto, Hamilton and Buffalo Railway;

Thence westerly along that southerly limit to the southeasterly limit of Greenhill Avenue;

Thence southwesterly along that southeasterly limit to the easterly limit of the lands shown on a Plan registered in the said Land Registry Office as Number M-3;

Thence southerly along that easterly limit to the southerly limit of that Plan;

Thence westerly along that southerly limit and its prolongation to the northerly prolongation of the easterly limit of the lands shown

on a Plan registered in the said Land Registry Office as Number M-28;

Thence southerly and southwesterly along the southeasterly limit of that Plan to the southwesterly angle of that Plan lying west of Quigley Road;

Thence in a straight line to the southeasterly angle of the lands shown on a Plan registered in the said Land Registry Office as Number M-95;

Thence southwesterly along the southeasterly limits of that Plan to the southerly limit of Country Club Drive;

Thence westerly along that southerly limit to the easterly limit of the lands shown on a Plan registered in the said Land Registry Office as Number M-82;

Thence westerly along that southerly limit to the southwesterly angle of that Plan;

Thence in a generally northerly direction following the westerly limits of the lands shown on plans registered in the said Land Registry Office as Number M-82, M-158 and M-36 to the southwesterly limit of Greenhill Avenue;

Thence northwesterly along that southwesterly limit to the southeasterly limit of Mount Albion Road;

Thence southwesterly along that southeasterly limit to the easterly limit of the road allowance between lots 32 and 33 in the former Township of Saltfleet;

Thence northerly along that easterly limit to the northerly limit of Greenhill Avenue;

Thence northwesterly in a straight line to the westerly limit of Rosseau Road and the northerly limit of Greenhill Avenue;

Thence westerly along that northerly limit to the southwesterly limit of Kimberly Drive;

Thence northwesterly along the westerly limit of Kimberly Drive and Kenilworth Avenue to the southerly limit of the right of way of the Toronto, Hamilton and Buffalo Railway;

Thence westerly along that southerly limit to the easterly limit of Wentworth Street South;

Thence southerly along that easterly limit to the southerly limit of Charlton Avenue East;

Thence westerly along that southerly limit to the easterly limit of John Street South;

Thence southerly along that easterly limit to the southerly limit of Louisa Avenue;

Thence westerly along that southerly limit to the easterly limit of Mount Wood Road;

Thence southerly along that easterly limit to the southerly limit of Freeman Place;

Thence westerly along that southerly limit to the westerly limit of James Street South;

Thence northerly along that westerly limit to the southeasterly limit of James Mountain Road;

Thence southwestery along that southeasterly limit to the southerly limit of Inglewood Drive;

Thence westerly along that southerly limit to the westerly limit of Bay Street South;

Thence northerly along that westerly limit to the southerly limit of Part I of the lands shown on a Plan deposited in the Land Registry Office for the Registry Division of Wentworth (No. 62) as Number 62R-2033;

Thence westerly along that southerly limit to the westerly limit of that Part I;

Thence northerly along that westerly limit to the southerly limit of the lands shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 392;

Thence westerly along that southerly limit to the westerly angle of that Plan;

Thence southerly to and along the easterly limit of the lands shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 443 to the southerly limit of Lot 28 of that Plan;

Thence westerly along that southerly limit to the southerly limit of Ravencliff Avenue;

Thence westerly along that southerly limit to the southeasterly angle of Lot 23 of that Plan;

Thence westerly along the southerly limit of that Lot to the easterly limit of the lands shown on a Plan registered in the Land Registry Office for the said Registry Division as Number 789;

Thence southerly along that easterly limit to the southerly limit of Lot 10 of that Plan;

Thence westerly along that southerly limit to the easterly limit of Hess Street South;

Thence southerly along the easterly limit of Hess Street South to its southerly limit;

Thence westerly and parallel with the southerly limit of Aberdeen Avenue to the westerly limit of Queen Street South;

Thence southerly along that westerly limit to the southerly limit of Amelia Street;

Thence westerly along the southerly limit to the easterly limit of the lane joining Amelia Street and Hillcrest Avenue;

Thence southerly along that easterly limit and its prolongation to the southerly limit of Hillcrest Avenue;

Thence westerly along that southerly limit to the westerly limit of Chedoke Avenue;

Thence northerly along that westerly limit to the southerly limit of Aberdeen Avenue;

Thence westerly along that southerly limit to the southeasterly limit of the right of way of the Toronto, Hamilton and Buffalo Railway;

Thence southwestery along that southeasterly limit to the northwesterly limit of that part of the King's Highway known as No. 403;

Thence southwestery along that northwesterly limit to the easterly limit of Bowman Street;

Thence westerly in a straight line to the southeasterly angle of Broadway Street;

Thence westerly in a straight line to the southeasterly angle of Emerson Street;

Thence westerly in a straight line to the southeasterly angle of Hillview Street;

Thence westerly in a straight line to the intersection of the westerly limit of Clifford Street and the northerly limit of the road allowance between Concessions I and II of the former Township of Ancaster;

Thence westerly along that northerly limit to the westerly boundary of the City of Hamilton;

Thence southerly and easterly along the westerly boundaries of that City to the place of beginning.

28. In the Town of Stoney Creek in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the intersection of the easterly boundary of the Town of Stoney Creek and the northerly limit of Concession IV of the former Township of Saltfleet;

Thence westerly along that northerly limit to the northwesterly angle of Lot 8 in that Concession;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly along the southerly limit of that Concession to the southwesterly angle of Lot 24 in that Concession;

Thence southerly to and along the westerly limit of Lot 24 in Concession V to the southwesterly limit of that portion of the King's Highway known as No. 20;

Thence northwesterly along that southwesterly limit to the southerly limit of the lands of the Ontario Hydro in Lot 25 in that Concession;

Thence westerly along that southerly limit to the westerly limit of Lot 26 in that Concession;

Thence northerly along that westerly limit to a line parallel with and distant 300 feet measured southeasterly at right angles from the boundary between the Town of Stoney Creek and the City of Hamilton;

Thence southwestwardly and parallel with that boundary to the southerly limit of the road allowance between concessions VI and VII of that former Township;

Thence westerly along that southerly limit to the westerly boundary of the Town of Stoney Creek;

Thence northerly and easterly along that boundary to the northerly limit of the right of way of the Toronto, Hamilton and Buffalo Railway;

Thence easterly along that northerly limit to the westerly limit of the road allowance between lots 14 and 15 in Concession III of that former Township;

Thence northerly along that westerly limit to the northerly limit of that Concession;

Thence easterly along that northerly limit to the northwesterly angle of Lot 3 in that Concession;

Thence northerly to and along the westerly limit of Lot 3 in Concession II of that former Township to the southerly limit of that portion of the King's Highway known as No. 8;

Thence easterly along that southerly limit to the easterly boundary of the Town of Stoney Creek;

Thence southerly along that easterly boundary to the place of beginning.

29. In the Town of Grimsby in The Regional Municipality of Niagara described as follows:

Beginning at the intersection of the easterly boundary of the Town of Grimsby and the easterly prolongation of the southerly limit of Lot O;

Thence westerly to and along the southerly limit of lots O and L to the southwesterly angle of the said Lot;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly to and along the southerly limit of Lot D and Concession IV to the southeasterly angle of Lot 9 in the said Concession;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence westerly along the northerly limit of the said Concession to the northwesterly angle of Lot 14 in the said Concession;

Thence southerly along the westerly limit of that Lot to its southwesterly angle;

Thence westerly along the southerly limit of the said Concession to the westerly boundary of the Town of Grimsby;

Thence northerly along that boundary to the northerly limit of Concession II;

Thence easterly along that limit to the northwesterly angle of Lot 16 in the said Concession;

Thence southerly along the westerly limit of that Lot to the southerly limit of Regional Road Number 81;

Thence easterly along that limit to the centre line of the road allowance between lots 12 and 13;

Thence southerly along that centre line to the southerly boundary of the former Town of Grimsby;

Thence easterly along the boundary of the said former Town to the centre line of the said Concession of the Town of Grimsby;

Thence easterly along that centre line to the easterly limit of Lot 3 in the said Concession;

Thence northerly along the easterly limit of that Lot to its northeasterly angle;

Thence easterly to and along the northerly limit of lots 2 and 1 in the said Concession and along the northerly limit of Lot B to the easterly boundary of the Town of Grimsby;

Thence southerly along that boundary to the place of beginning.

30. In the Town of Lincoln in The Regional Municipality of Niagara, being composed of the lands described as follows:

Beginning at the place of intersection of the easterly boundary of the Town of Lincoln and the southerly limit of Regional Road Number 81;

Thence westerly along that southerly limit to the easterly limit of Lot 18 in Concession V of the former Township of Louth;

Thence southerly along that easterly limit a distance of 150 feet to a point;

Thence westerly and parallel with the northerly limit of that Lot to a point distant 500 feet measured westerly therealong from the easterly limit of Lot 19 in that Concession;

Thence northerly and parallel with the easterly limit of Lot 19 in concessions V and IV to the southerly limit of Lot 19 in Concession III of that former Township;

Thence easterly along that southerly limit to a point distant 300 feet measured westerly therealong from the southeasterly angle of that Lot 19;

Thence northerly and parallel with the westerly limit of Nineteenth Street to the southerly limit of Lot 18 in Concession II of that former Township;

Thence northerly and parallel with the westerly limit of Main Street in Jordan Station, to the southerly limit of the right of way of the Canadian National Railways;

Thence easterly along that southerly limit to the easterly limit of that Lot 18;

Thence northerly along the easterly limit of that Lot a distance of 800 feet to a point;

Thence westerly and parallel with the southerly limit of that Lot to its intersection with a line parallel with and distant 300 feet measured easterly at right angles from the easterly high-water mark of Twenty Mile Creek;

Thence northerly along that parallel line to the southerly high-water mark of Lake Ontario;

Thence westerly along that southerly high-water mark to the northerly prolongation of the easterly limit of Twenty-First Street;

Thence southerly to and along that easterly limit to the northerly limit of Lot 20 in that Concession II;

Thence easterly along that northerly limit to the easterly limit of the west half of that Lot;

Thence southerly along that easterly limit to the southerly limit of that Lot;

Thence westerly along that southerly limit and its prolongation to the westerly limit of Twenty-First Street;

Thence southerly along that westerly limit to a point distant 660 feet measured southerly from the northeasterly angle of Lot 21 in that Concession III;

Thence westerly and parallel with the northerly limit of that Lot to the westerly limit of that Lot;

Thence southerly along that westerly limit 1,320 feet to a point;

Thence easterly and parallel with the northerly limit of that Lot to the easterly limit of that Lot;

Thence southerly along the easterly limit of Lot 21 in concessions III and IV of that former Township to the southerly limit of Regional Road Number 81;

Thence westerly along that southerly limit to the easterly limit of Lot 23 in that Concession IV;

Thence southerly along that easterly limit 200 feet to a point;

Thence westerly and parallel with the southerly limit of Regional Road Number

81 to the intersection with the easterly prolongation of a line parallel with and distant 200 feet measured southerly at right angles from the southerly limit of John Street;

Thence westerly to and along that parallel line to a point distant 200 feet measured easterly therealong from the westerly limit of that Lot 23;

Thence southerly and parallel with that westerly limit to the easterly prolongation of the southerly limit of Lot 1 in Concession V of the former Township of Clinton;

Thence westerly to and along the southerly limit of that Lot to a point distant 200 feet measured westerly from the southeasterly angle of that Lot;

Thence northerly and parallel with the easterly limit of that Lot to the southerly limit of the north half of that Lot;

Thence westerly along the southerly limit of the north half of lots 1 and 2 in that Concession to the westerly limit of the east half of that Lot 2;

Thence northerly along that westerly limit to a point distant 200 feet measured southerly therealong from the southerly limit of Regional Road Number 81;

Thence westerly and parallel with that southerly limit to the westerly limit of that Lot 2;

Thence northerly along that westerly limit to the northerly limit of that Regional Road;

Thence westerly along that northerly limit to the easterly limit of Lot 163 as shown on the Village of Beamsville Corporation Plan Number 3;

Thence southerly to and along the easterly limit of Lot 70 of that Plan to the southeasterly angle of that Lot;

Thence westerly along that southerly limit to the easterly limit of Lot 173 as shown on that Plan;

Thence southerly along that easterly limit to the southerly limit of that Plan;

Thence westerly along that southerly limit to the easterly limit of the lands shown on a Plan registered in the Land Registry Office for the Land Registry Division of Niagara North (No. 30) as Number 334;

Thence southerly along that easterly limit to the southeasterly corner of that Plan 334;

Thence westerly along the southerly limit of that Plan to the easterly limit of Mountain Street;

Thence northerly along that easterly limit to the southerly limit of that Corporation Plan Number 3;

Thence westerly and northerly along the southwesterly limits of that Plan to the southerly limit of the lands shown on a Plan registered in that Land Registry Office as Number 508;

Thence westerly and northerly following the southerly and westerly limits of that Plan to the northerly limit of Regional Road Number 81;

Thence westerly along that northerly limit to the northerly limit of Lot 19 in Concession III;

Thence westerly along the northerly limit of lots 19, 20 and 21 in that Concession to the northwesterly angle of that Lot 21;

Thence northerly to and along the easterly limit of Lot 22 in Concession II of the former Township of Clinton to the northeasterly limit of that Regional Road;

Thence northwesterly along that northeasterly limit to the northerly limit of that Concession II;

Thence westerly along that northerly limit to the westerly boundary of the Town of Lincoln;

Thence southerly along that westerly boundary to the northerly limit of Concession VI of the former Township of Clinton;

Thence easterly along that northerly limit to the northeasterly angle of Lot 21 in that Concession;

Thence southerly along the easterly limit of that Lot to the southeasterly angle of that Lot;

Thence easterly along the southerly limit of that Concession to the southwesterly angle of the easterly half of Lot 9 in that Concession;

Thence northerly along the westerly limit of the easterly half of that Lot a distance of 330 feet to a point;

Thence easterly and parallel with the southerly limit of that Lot to a point distant 1,320 feet measured westerly at right angles with the easterly limit of that Lot;

Thence northerly and parallel with that easterly limit a distance of 1,600 feet to a point;

Thence easterly and parallel with the southerly limit of lots 9 and 8 in that Concession to a point 330 feet measured easterly therealong from the westerly limit of that Lot 8;

Thence southerly and parallel with that westerly limit to a point distant 330 feet measured northerly therealong from the southerly limit of that Lot;

Thence easterly and parallel with that southerly limit to the easterly limit of the westerly half of that Lot;

Thence southerly along that easterly limit to the southerly limit of that Concession;

Thence easterly along that southerly limit to the southwesterly angle of Lot 3 in that Concession;

Thence southerly to and along the westerly limit of Lot 3 in Concession VII to the southwesterly angle of that Lot;

Thence easterly along the southerly limit of lots 3 and 2 in that Concession to the southeasterly angle of that Lot 2;

Thence southerly to and along the westerly limit of Lot 1 in Concession VIII of the former Township of Clinton to the southwesterly angle of that Lot;

Thence easterly along the southerly limit of that Lot to the southeasterly angle of that Lot;

Thence easterly to and along the southerly limit of Concession VII of the former Township of Louth to the southwesterly angle of Lot 17 in that Concession;

Thence southerly to and along the westerly limit of Lot 17 in Concession VIII of the former Township of Clinton and its prolongation to the southerly boundary of the Town of Lincoln;

Thence easterly along that southerly boundary to the southeasterly angle of that Town;

Thence northerly along the easterly boundary of that Town to the place of beginning.

31. In the City of Niagara Falls in The Regional Municipality of Niagara, being composed of those lands more particularly described as follows:

Beginning at the northwesterly angle of the City of Niagara Falls;

Thence southerly along the westerly boundary of that City to the westerly prolongation of the southerly limit of Lot 66;

Thence easterly to and along that limit to the southeasterly angle of that Lot;

Thence northerly along the easterly limit of lots 66 and 50 to the northeasterly angle of that Lot 50;

Thence easterly to and along the northerly limit of Lot 51 to the northeasterly angle of that Lot;

Thence northerly to and along the easterly limit of Lot 48 to the northeasterly angle of that Lot;

Thence easterly to and along the northerly limit of lots 47 and 46 to the southwesterly limit of that portion of the highway known as the Queen Elizabeth Way;

Thence northwesterly along that southwesterly limit to the northerly limit of Mountain Road;

Thence easterly along that northerly limit to the northwesterly limit of Portage Road;

Thence northeasterly along that northwesterly limit to a point distant 300 feet measured southwesterly therealong from the westerly limit of Stanley Avenue;

Thence northwesterly in a straight line to the point of intersection of the southeasterly limit of that part of the King's Highway known as No. 405 and the southerly limit of Lot 3, the said point being distant 900 feet measured westerly from the southeasterly angle of that Lot;

Thence northeasterly along that southeasterly limit to the northerly boundary of the City of Niagara Falls;

Thence westerly along that northerly boundary to the place of beginning.

32. In the Town of Niagara-on-the-Lake in The Regional Municipality of Niagara, being composed of the lands described as follows:

Beginning at the intersection of the easterly limit of Regional Road Number 114 and the northerly limit of Regional Road Number 81 in the Town of Niagara-on-the-Lake;

Thence easterly along that northerly limit a distance of 200 feet to a point;

Thence northerly and parallel with the easterly limit of that Regional Road Number 114 to the southerly limit of Lot 7 in the former Township of Niagara;

Thence westerly along that southerly limit to the southwesterly angle of that Lot;

Thence northerly along the westerly limit of that Lot to the northwesterly angle of that Lot;

Thence westerly to and along the northerly limit of lots 40 and 53 to the northwesterly angle of that Lot 53;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 87 to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the southerly limit of Lot 98 to the southwesterly angle of that Lot;

Thence northerly along the westerly limit of lots 98 and 99 to the northwesterly angle of that Lot 99;

Thence westerly to and along the northerly limit of Lot 132 to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of lots 132, 133 and 134 to the southwesterly angle of that Lot 134;

Thence easterly along the southerly limit of lots 134 and 97 to the southeasterly angle of that Lot 97;

Thence northerly along the easterly limit of that Lot to the northeasterly angle of that Lot;

Thence easterly to and along the northerly limit of Lot 88 to the northeasterly angle of that Lot;

Thence southerly along the easterly limit of lots 88, 89 and 90 to the southeasterly angle of that Lot 90;

Thence westerly along the southerly limit of that Lot to the southwesterly angle of that Lot;

Thence northerly along the westerly limit of that Lot to the northwesterly angle of that Lot;

Thence westerly to and along the northerly limit of Lot 95 to the northwesterly angle of that Lot;

Thence southerly along the westerly limit of that Lot to the southwesterly angle of that Lot;

Thence westerly to and along the northerly limit of lots 137, 140 and 183 to the centre line of Lot 182;

Thence northerly along that centre line to the northerly limit of that Lot;

Thence westerly along that northerly limit and its prolongation to the easterly boundary of the former Township of Grantham;

Thence southwesterly to and along the northwesterly limit of Concession X of that former Township to the westerly boundary of the Town of Niagara-on-the-Lake;

Thence southerly along the westerly boundary to the southerly boundary of that Town;

Thence easterly along that southerly boundary to the southeasterly limit of that part of the King's Highway known as No. 405;

Thence northeasterly along that southeasterly limit to the westerly high-water mark of the Niagara River;

Thence northerly along that westerly high-water mark to its intersection with the easterly prolongation of the portion of York Street lying west of Front Street;

Thence westerly to and along the northerly limit of York Street to the easterly limit of Niagara Boulevard;

Thence westerly to and along the northerly limit of Regional Road Number 81 to the place of beginning.

33. In the Town of Pelham in The Regional Municipality of Niagara, being composed of those lands more particularly described as follows:

Beginning at the northeasterly angle of the Town of Pelham;

Thence southerly, southeasterly and southerly following the boundaries of that Town to intersect a line parallel with and distant 700 feet measured northerly at right angles from the northerly limit of the road allowance between lots 160 and 165 of the former Township of Thorold;

Thence westerly and parallel with that northerly limit of road allowance known as Hurricane Road to the easterly limit of Lot 1 in Concession VII of the former Township of Pelham;

Thence northerly along the easterly limit of Lot 1 in concessions VII and VI of that former Township to a point distant 300 feet measured northerly therealong from the southeasterly angle of Lot 1 in that Concession VI;

Thence westerly and parallel with the southerly limit of that Lot 200 feet to a point;

Thence southerly and parallel with the easterly limit of that Lot 1 to the southerly limit of that Lot;

Thence westerly along that southerly limit 100 feet to a point;

Thence southerly and parallel with the easterly limit of Lot 1 of that Concession VII to the southerly limit of the spur of the railway shown on a Plan registered in the Land Registry Office for the Land Registry Division of Niagara South (No. 59) as Number 717;

Thence westerly along that southerly limit to a line parallel with and distant 500 feet measured westerly at right angles from the easterly limit of that Lot 1;

Thence southerly along that parallel line to intersect the northeasterly prolongation of the southeasterly limit of Spencer Lane;

Thence southwestwardly along that northeasterly prolongation to the westerly limit of the Village of Fontheill Park shown on that Plan Number 717;

Thence northwestwardly along that westerly limit to the southerly limit of Block K shown on that Plan;

Thence westerly along the southerly limit of blocks K and R shown on that Plan to the easterly limit of the southerly part of that Block R;

Thence northerly along the northerly prolongation of that easterly limit 330 feet to a point;

Thence westerly and parallel with the northerly limit of that Block R to the easterly limit of Haist Road;

Thence northerly along that easterly limit to a point distant 900 feet measured southerly therealong from the northerly limit of Lot 2 in that Concession VII;

Thence northwestwardly in a straight line to the northwestwardly angle of Lot 3 in that Concession;

Thence southerly along the westerly limit of that Lot to the northerly limit of Regional Road Number 20;

Thence westerly along that northerly limit to the westerly limit of Lot 8 in that Concession;

Thence northerly along the westerly limit of Lot 8 in concessions VII and VI of that former Township to the northwestwardly angle of Lot 8 in that Concession VI;

Thence westerly along the northerly limit of lots 9, 10 and 11 in that Concession to the northwestwardly angle of that Lot 11;

Thence northerly to and along the westerly limit of Lot 11 in Concession V of the former Township of Pelham to the northwestwardly angle of that Lot;

Thence easterly along the northerly limit of lots 11, 10 and 9 in that Concession to the northeasterly angle of that Lot 9;

Thence northerly to and along the westerly limit of Lot 8 in Concession IV of the former Township of Pelham to the northwestwardly angle of that Lot;

Thence easterly along the northerly limit of that Lot to the northeasterly angle of that Lot;

Thence northerly to and along the easterly limit of Lot 8 in concessions III and II of the former Township of Pelham to the northeasterly angle of Lot 8 in that Concession II;

Thence westerly along the northerly limit of lots 8, 9 and 10 in that Concession to the northwestwardly angle of that Lot 10;

Thence northerly to and along the westerly limit of Lot 10 in Concession I of the former Township of Pelham and its prolongation to the northerly boundary of the Town of Pelham.

Thence easterly along that northerly boundary to the place of beginning.

34. In the City of St. Catharines in The Regional Municipality of Niagara, being composed of those lands more particularly described as follows:

- i. Beginning at the southwesterly angle of the City of St. Catharines;

Thence northerly along the westerly boundary of the said City to the southerly limit of Regional Road Number 81;

Thence easterly along that southerly limit to the easterly limit of Lot 6 in Concession V of the former Township of Louth;

Thence southerly along the easterly limit of Lot 6 in concessions V, VI and VII of that former township to the southerly limit of that Concession VII;

Thence easterly along the southerly limit of that Concession to the easterly boundary of that former township;

Thence southerly along that easterly boundary to the southerly limit of Pelham Road;

Thence northeasterly along that southeasterly limit to the centre line of Concession IX of the former Township of Grantham;

Thence northeasterly along that centre line to a point distant 350 feet east of the westerly limit of Lot 21 in that Concession;

Thence northwesterly and parallel with that westerly limit a distance of 600 feet to a point;

Thence easterly and parallel with the centre line of that Concession to the westerly limit of Lot 20 in that Concession;

Thence northerly along that westerly limit to a point distant 400 feet measured southerly from the northwesterly angle of that Lot;

Thence easterly and parallel with the northerly limit of that Lot to the easterly limit of that Lot;

Thence northerly along the easterly limit of Lot 20 in concessions IX and VIII to the southerly limit of Glendale Avenue;

Thence northeasterly along the southerly limit of Glendale Avenue, Glen Avenue and Riverside Avenue and the prolongation of Riverside Avenue to the northerly

limit of the road allowance between concessions VII and VIII of the former Township of Grantham;

Thence northerly and parallel with the westerly limit of Lot 18 in that Concession VII to the southerly limit of the right of way of Canadian National Railways;

Thence easterly along the southerly limit to a point distant 840 feet measured westerly therealong from the easterly limit of Lot 17 in that Concession;

Thence along the following astronomic bearings and distances;

South  $12^{\circ} 39'$  west 26.95 feet, south  $69^{\circ} 47'$  west 505.18 feet, south  $27^{\circ} 52'$  west 304.81 feet, south  $1^{\circ} 24'$  west 99.30 feet, south  $33^{\circ} 32'$  east 520.25 feet, south  $9^{\circ} 04'$  east 711.20 feet, south  $19^{\circ} 25'$  west 349.10 feet, south  $60^{\circ} 54'$  west 790.95 feet, south  $13^{\circ} 13'$  east 617.95 feet, south  $14^{\circ} 52'$  west 863.60 feet, south  $68^{\circ} 56' 30''$  west 669 feet to the easterly limit of Lot 19 in Concession IX of the former Township of Grantham;

Thence southerly along that easterly limit to the northerly limit of the lands shown on a Plan registered in the Land Registry Office for the Land Registry Division of Niagara North (No. 30) as Number 495;

Thence westerly, southerly and westerly along the southeasterly limits of that Plan to the westerly limit of Lot 20 in that Concession IX;

Thence southerly along that westerly limit to the southerly limit of Lockhart Drive;

Thence easterly along that southerly limit to the westerly limit of Glenridge Avenue;

Thence easterly to and along the northerly limit of Lot 16 in that Concession IX to the easterly limit of that Lot 16;

Thence northerly to and along the westerly limit of Lot 15 in that Concession IX to the southerly limit of the lands shown on a Plan registered in that Land Registry Office as Number 272;

Thence easterly along the southerly limit of the lands shown on plans registered in that Land Registry Office as numbers 272 and 397 to the southeasterly angle of that Plan 397;

Thence northeasterly crossing the road allowance between lots 14 and 15 to the northwesterly angle of Lot 45 as shown on a Plan registered in that Land Registry Office as Number 478;

Thence southerly along the westerly limit of that lot to the southwesterly angle of that Lot;

Thence easterly along the southerly limit of lots 45, 46, 47 and 48 as shown on that Plan to the easterly limit of that Lot 48;

Thence northerly along that easterly limit to the southerly limit of Allandale Drive;

Thence easterly along that southerly limit to the westerly limit of Tremont Drive;

Thence easterly in a straight line to the intersection of the southeasterly limit of Tremont Drive and the northeasterly limit of Pearl Ann Drive;

Thence northeasterly along the southeasterly limit of Tremont Drive to the easterly limit of Lot 84 as shown on Plan Number 478;

Thence southerly along that easterly limit to the southerly limit of that Lot 48;

Thence westerly along that southerly limit to the easterly limit of the lands shown on Plan registered in that Land Registry Office as Number 585;

Thence southerly along that easterly limit to the northwesterly limit of that part of the King's Highway known as No. 406;

Thence southwesterly along that northwesterly limit to the southerly boundary of the City of St. Catharines;

Thence westerly along that southerly boundary to the place of beginning.

- ii. Beginning at the intersection of the southeasterly limit of that part of the King's Highway known as No. 406 and the westerly limit of Lot 13 in Concession X of the former Township of Grantham;

Thence northeasterly along that southeasterly limit to a point measured southwesterly therealong an arc distance of 623.52 feet from the southwesterly angle of Lot 51 as shown on a Plan registered in the Land Registry Office for the Registry Division of Niagara North (No. 35) as Number 483;

Thence north  $74^{\circ} 06' 30''$  east 560 feet, more or less, to a point measured north  $1^{\circ} 42' 30''$  east, distant 146.34 feet from the northwesterly angle of Lot 39 as shown on a Plan registered in that Land Registry Office as Number 593;

Thence northeasterly parallel with the northwesterly limit of that Plan to the easterly limit of Marmac Drive;

Thence northerly along that easterly limit to the northwesterly angle of Lot 2 as shown on a Plan registered in that Land Registry Office as Number 670;

Thence easterly along the northerly limit of that Lot 2 to the southwesterly limit of Burleigh Hill Drive;

Thence northeasterly to and along the southeasterly limit of a Plan registered in that Land Registry Office as Number 483 to the southwesterly limit of Mountain Street;

Thence southeasterly along that southwesterly limit to the easterly limit of Allanburg Road;

Thence northerly along that easterly limit to the northwesterly angle of Lot 852 as shown on Corporation Plan Number 6 registered in that Land Registry Office;

Thence easterly along the northerly limit of lots 852, 853 and 854 as shown on that Corporation Plan 6 to the westerly limit of Christina Street;

Thence northerly along that westerly limit to a point distant 132 feet measured southerly therealong from the southerly limit of Bradley Street;

Thence easterly and parallel with that southerly limit to the westerly limit of Lot 834 as shown on that Corporation Plan 6;

Thence northeasterly in a straight line to the northeasterly angle of that Lot;

Thence easterly along the southerly limit of Bradley Street to the westerly limit of the westerly portion of Dundas Crescent;

Thence northerly along the prolongation of that westerly limit 300 feet to a point;

Thence easterly to a point on the southerly prolongation of Ker Street distant 160 feet measured southerly therealong from the southerly limit of Merritt Street;

Thence easterly and parallel with that southerly limit to the southerly prolongation of Keele Street;

Thence northerly along that southerly prolongation to the northerly limit of Merritt Street;

Thence easterly along that northerly limit to the southerly prolongation of the easterly limit of Willow Street;

Thence northerly along that southerly prolongation to the northerly limit of the right of way of the Canadian National Railways;

Thence easterly along that northerly limit to the centre line of Lot 9 in that Concession X;

Thence easterly to the intersection of the centre line of Lot 8 in that Concession and the southerly limit of the right of way of the Canadian National Railways;

Thence easterly along that southerly limit to the westerly bank of the Welland Canal;

Thence southerly along that westerly bank to the southerly boundary of the City of St. Catharines;

Thence westerly along that southerly boundary 500 feet, more or less, to the southwesterly limit of the right of way of the Canadian National Railways;

Thence northwesterly along that southwesterly limit to the easterly prolongation of the southerly limit of Fairburn Avenue;

Thence westerly to the intersection of the southerly limit of Ball Avenue and the southwesterly limit of the right of way of the Canadian National Railways;

Thence northwesterly along that southwesterly limit to a line parallel with and distant 100 feet measured northerly at right angles from the northerly limit of the easterly portion of Ball Avenue;

Thence westerly along that line to the southwesterly limit of Lot 503 as shown on that Corporation Plan Number 6;

Thence northwesterly along that southwesterly limit to a line parallel with and distant 60 feet measured northerly at right angles from the northerly limit of the westerly portion of Ball Avenue;

Thence westerly and parallel with that northerly limit and the northerly limit of Merritt Street to the northerly limit of Lot 492 as shown on that Corporation Plan;

Thence westerly along that northerly limit to the westerly limit of that Lot;

Thence southerly along the westerly limit of that Lot and its prolongation to the southerly limit of Merritt Street;

Thence easterly along that southerly limit to a point distant 88.7 feet measured south  $36^{\circ} 44'$  west from the intersection of the southerly limit of Ball Street and the northeasterly limit of Merritt Street;

Thence south  $44^{\circ} 12'$  west 339.8 feet to a point;

Thence north  $78^{\circ} 38'$  west 267.55 feet to a point;

Thence south  $66^{\circ} 54'$  west 134.9 feet to a point;

Thence south  $5^{\circ} 31'$  west 429.85 feet to a point;

Thence south  $84^{\circ} 47'$  east 340 feet to a point;

Thence south  $65^{\circ} 20'$  east 159.07 feet to a point;

Thence south  $84^{\circ} 47'$  east 203 feet to a point;

Thence north  $5^{\circ} 13'$  east 63 feet to a point;

Thence south  $84^{\circ} 47'$  east 475 feet to a point;

Thence south  $55^{\circ} 18'$  east 11.5 feet to a point;

Thence south  $36^{\circ} 21'$  east 110.25 feet to a point;

Thence south  $16^{\circ} 07'$  east 148.49 feet to the northerly limit of the Town Line Road;

Thence south  $16^{\circ} 07'$  east 33 feet to the southerly boundary of the City of St. Catharines;

Thence westerly along that southerly boundary to the southerly prolongation of the easterly limit of the lands shown on a Plan registered in that Land Registry Office as Number 682;

Thence northwesterly to and along the northeasterly limit of that Plan to the northerly limit of Keating Street;

Thence westerly and southerly along the northerly and westerly limits of that Street to the northerly limit of Ursula Avenue;

Thence westerly along that northerly limit to the southeasterly angle of Lot 820 as shown on that Corporation Plan 6;

Thence northerly along the easterly limit of that Lot a distance of 100 feet to a point;

Thence westerly and parallel with the northerly limit of Ursula Avenue to the easterly limit of Neelon Street;

Thence southerly along that easterly limit to a point 300 feet measured northerly therealong from the northerly limit of Wanda Road;

Thence westerly to a point in the westerly limit of Leeson Street distant 300 feet measured northerly therealong from the northerly limit of Mountain Street;

Thence southwesterly to an angle in the northerly limit of Mountain Street distant 227.44 feet measured westerly therealong from the westerly limit of Leeson Street;

Thence westerly to and along the southerly limit of lots 849, 850 and 851 as shown on that Corporation Plan to the easterly limit of Allanburg Road;

Thence westerly crossing that Road to an angle in the westerly limit of that Road;

Thence westerly in a straight line to a point in the easterly limit of Burleigh Hill Drive distant 210 feet measured northerly therealong from the northerly limit of Lot 44 as shown on a Plan registered in that Land Registry Office as Number 488;

Thence westerly crossing that Burleigh Hill Drive to a point distant 140 feet measured northerly therealong from the northerly limit of Lot 45 as shown on that Plan Number 488;

Thence westerly to a point in the westerly limit of Lot 6 shown on a Plan registered in that Land Registry Office as Number 670 distant 164 feet from the southwesterly angle of that Lot;

Thence westerly to a point in the westerly limit of Lot 5 as shown on that Plan distant 176 feet from the southwesterly angle of that Lot;

Thence westerly to a point in the westerly limit of Lot 4 as shown on that Plan distant 155 feet from the southwesterly angle of that Lot;

Thence westerly to a point in the westerly limit of Lot 3 as shown on that Plan

distant 112 feet from the southwesterly angle of that Lot;

Thence westerly to a point in the westerly limit of Lot 13 as shown on that Plan distant 160 feet from the southwesterly angle of that Lot;

Thence southerly along the easterly limit of Marmac Drive to the southerly limit of Glenbrae Avenue;

Thence westerly along the prolongation of that southerly limit to the easterly limit of Lot 12 shown on a Plan registered in that Land Registry Office as Number 390A;

Thence northerly along that easterly limit to a point distant 400 feet measured northerly from the southeasterly angle of that Lot;

Thence westerly to a point in the easterly limit of Lot 13 as shown on that Plan distant 250 feet from the southeasterly angle of that Lot;

Thence westerly to a point in the easterly limit of Lot 14 as shown on that Plan distant 170 feet from the southeasterly angle of that Lot;

Thence westerly to a point in the easterly limit of Lot 15 as shown on that Plan distant 200 feet from the southeasterly angle of that Lot;

Thence westerly to a point in the westerly limit of that Lot 15 distant 170 feet from the southwesterly angle of that Lot;

Thence southerly along that westerly limit 170 feet to the southwesterly angle of that Lot;

Thence southwesterly to the northeasterly angle of Lot 29 as shown on that Plan;

Thence westerly along the northerly limit of that Lot to the westerly angle of that Lot;

Thence southerly along the westerly limit of that Plan to the northerly limit of Lot 25 as shown on that Plan;

Thence westerly along the northerly limit of lots 25, 26 and 27 as shown on that Plan to a line parallel with and distant 350 feet measured easterly at right angles from the westerly limit of Lot 13 in that Concession;

Thence northerly along that parallel line 850 feet to a point;

Thence northwesterly in a straight line to the place of beginning.

- iii. Beginning at the southeasterly angle of the City of St. Catharines;

Thence westerly along the southerly boundary of the City of St. Catharines to the southwesterly limit of Seaway Haulage Road;

Thence northwesterly along that southwesterly limit to the boundary of that City, being the southerly limit of Concession IX of the former Township of Grantham;

Thence easterly along that boundary to the southwesterly angle of Lot 4 in that Concession;

Thence southerly along the easterly boundary of that City to the place of beginning.

35. In the City of Thorold in The Regional Municipality of Niagara, being composed of those lands more particularly described as follows:

- i. Beginning at the northwesterly angle of the City of Thorold;

Thence easterly along the northerly boundary of the City of Thorold to the southerly limit of the road known as Decew Road crossing lots 41 and 42 of the former Township of Thorold;

Thence easterly along that southerly limit to the easterly limit of Lot 41;

Thence southerly along the easterly limit of lots 41 and 59 to the southeasterly angle of that Lot 59;

Thence westerly along the southerly limit of that Lot to the southwesterly angle of that Lot;

Thence southerly to and along the easterly limit of Lot 83 of that former Township to the southeasterly angle of that Lot;

Thence westerly along the southerly limit of that Lot to the southwesterly angle of that Lot;

Thence southerly to and along the westerly limit of Lot 106 of that former Township to the southwesterly angle of that Lot;

Thence westerly to and along the southerly limit of Lot 107 of that former Township to the southwesterly angle of that Lot;

Thence southerly to and along the easterly limit of lots 131, 154 and 160 of that

former Township to the southeasterly angle of that Lot 160;

Thence westerly along that southerly limit to the boundary of the City of Thorold;

Thence northerly along the westerly boundary of the said City to the place of beginning.

- ii. Beginning at the northeasterly angle of the City of Thorold;

Thence southerly along the easterly boundary of that City to the northerly limit of Regent Street East;

Thence westerly along that northerly limit to the westerly limit of Davis Road;

Thence southerly along that westerly limit to the northerly limit of Cemetery Road;

Thence westerly and southerly along the northerly and westerly limit of that Road to the northerly limit of Hoover Street;

Thence westerly along the northerly limit of Hoover Street and Peter Street to the westerly bank of the Welland Canal;

Thence northerly along that westerly bank to the northerly boundary of the City of Thorold;

Thence easterly along that northerly boundary to the place of beginning.

36. In the Town of Caledon in The Regional Municipality of Peel, being composed of the lands more particularly described as follows:

Beginning at the intersection of the southwesterly boundary of the Town of Caledon and the southwesterly prolongation of the southeasterly limit of Lot 1 in Concession VI West of Hurontario Street of the former Township of Caledon;

Thence easterly to and along the southerly limit of that Lot to its easterly angle;

Thence northwesterly along the northeasterly limit of lots 1 and 2 in the said Concession to the northerly angle of the said Lot;

Thence northeasterly to and along the southwesterly limit of Lot 3 in Concession V West of Hurontario Street to its easterly angle;

Thence northwesterly along the northeasterly limit of that Lot to its northerly angle;

Thence northeasterly to and along the northwesterly limit of Lot 4 in Concession IV West of Hurontario Street to its northerly angle;

Thence northwesterly along the northeasterly limit of Lots 4 and 5 in the said Concession to the northerly angle of the said Lot;

Thence southwesterly along the northwesterly limit of that Lot and crossing the road allowance between Concessions IV and V West of Hurontario Street to the easterly angle of Lot 6 in the said Concession;

Thence northwesterly to and along the northeasterly limit of that Lot to its northerly angle;

Thence southwesterly along the northwesterly limit of the said Lot to its westerly angle;

Thence northwesterly along the southwesterly limit of Lot 7 in the said Concession to the westerly angle of that Lot;

Thence southwesterly to and along the northwesterly limit of Lot 7 in Concession VI West of Hurontario Street and its prolongation to the southwesterly boundary of the Town of Caledon;

Thence northwesterly along that boundary to the southwesterly prolongation of the line between lots 13 and 14 in the said Concession;

Thence northeasterly to and along that line to the easterly angle of Lot 14;

Thence northwesterly along the northeasterly limit of Lots 14 and 15 in the said Concession to the northerly angle of that Lot;

Thence northeasterly to and along the northwesterly limit of Lot 15 in Concession V West of Hurontario Street to its northerly angle;

Thence northwesterly along the northeasterly limit of the said Concession to the northerly angle of Lot 24 in the said Concession;

Thence northeasterly to and along the northwesterly limit of Lot 24 in Concession IV West of Hurontario Street to its northerly angle;

Thence southeasterly along the northeasterly limit of that Lot to its easterly angle;

Thence southwesterly along the southeasterly limit of the said Lot to the centre line of the said Concession;

Thence southeasterly along that centre line to the southeasterly limit of Lot 22 in the said Concession;

Thence northeasterly along the southeasterly limit of Lot 22 in Concessions IV and III West

of Hurontario Street to the centre line of the said Concession;

Thence northwesterly along that centre line to the northwesterly limit of Lot 23 in the said Concession;

Thence southwesterly along the northwesterly limit of that Lot to its westerly angle;

Thence northwesterly along the southwesterly limit of Lots 24 and 25 in the said Concession to the northwesterly angle of the said Lot;

Thence northeasterly along the northwesterly limit of that Lot to its northeasterly limit of the said Lot to its northeasterly angle;

Thence southeasterly along the northeasterly limit of the said Lot to its easterly angle;

Thence northeasterly to and along the northwesterly limit of Lot 24 in Concession II West of Hurontario Street to its easterly angle;

Thence southeasterly along the northeasterly limit of the said Concession to the northerly angle of Lot 18 in the said Concession;

Thence northeasterly to and along the northwesterly limit of Lot 18 in Concession I West of Hurontario Street to its northerly angle;

Thence southeasterly along the northeasterly limit of Lots 18 and 17 in the said Concession to the easterly angle of the said Lot;

Thence southwesterly along the northwesterly limit of Lot 16 in the said Concession to the limit between the easterly and westerly halves of that Lot;

Thence southeasterly along the half lot line of Lots 16 and 15 in the said Concession to the southeasterly limit of the said Lot in the said Concession.

Thence northeasterly along that limit and the southeasterly limit of Lot 15 in Concession I East of Hurontario Street to the limit between the easterly and westerly halves of the said Lot;

Thence northwesterly along the half lot limit between Lots 15 and 16 in the said Concession to the northwesterly limit of the said Lot;

Thence northeasterly along the northwesterly limit of that Lot to its northerly angle;

Thence southeasterly along the northeasterly limit of the said Lot to the northwesterly limit of the road allowance between Lots 15 and 16;

Thence northeasterly along the northwesterly limit of the said road allowance to the easterly

angle of Lot 16 in Concession IV East of Hurontario Street;

Thence northwesterly along the northeasterly limit of the said Concession to the easterly angle of Lot 21 in the said Concession;

Thence southwesterly along the southeasterly limit of that Lot to the westerly limit of the easterly half of the said Lot;

Thence northwesterly along the half lot line of that Lot to its northwesterly limit;

Thence southwesterly along that limit to its westerly angle;

Thence northwesterly along the southwesterly limit of Lots 22, 23 and 24 in the said Concession to the westerly angle of that Lot;

Thence southwesterly to and along the southeasterly limit of Lot 25 in Concession III East of Hurontario Street to its southerly angle;

Thence northwesterly along the southwesterly limit of the said Concession to the northerly boundary of the Town of Caledon;

Thence easterly along that boundary to the northeasterly limit of Concession II of the former Township of Albion;

Thence southeasterly along that limit to the southeasterly limit of the road allowance between Lots 25 and 26;

Thence southwesterly along that limit to the southwesterly boundary of the former Township of Albion;

Thence northwesterly along the boundary between the former townships of Albion and Caledon to the northeasterly prolongation of the northwesterly limit of Lot 1 as shown on a Plan registered in the Land Registry Office for the Land Titles Division of Peel (No. 43) as Number M-323, being a part of the easterly half of Lot 9 in Concession VI East of Hurontario Street of the former Township of Caledon;

Thence southwesterly to and along that northwesterly limit to the northeasterly limit of Lot 2 as shown on that Plan;

Thence northwesterly along that northeasterly limit to the northwesterly limit of that Plan;

Thence southwesterly along that northwesterly limit to the westerly limit of that Plan;

Thence southeasterly along the southwesterly limit of that Plan to the southerly limit of that Plan;

Thence easterly along the southerly limit of Lots 10, 11, 12, 13, Block E and Lots 14 and 15 as shown on the said Plan Number M-323 to the easterly angle of the said Lot 15;

Thence northeasterly along the northeasterly prolongation of the southeasterly limit of the said Lot 15 to the boundary between the former townships of Albion and Caledon;

Thence southeasterly along that boundary to the southeasterly limit of the road allowance between Lots 5 and 6 in the former Township of Caledon;

Thence southwesterly along that limit to the northerly angle of Lot 5 in Concession II West of Hurontario Street;

Thence southeasterly along the northeasterly limit of Lots 5, 4 and 3 in the said Concession to the easterly angle of the said Lot;

Thence southwesterly along the northwesterly limit of the easterly half of Lot 2 in the said Concession to its westerly angle;

Thence southeasterly along the half Lot limit of Lots 2 and 1 in the said Concession to the centre line of the said Lot;

Thence northeasterly along that centre line to the northeasterly limit of the said Lot;

Thence southeasterly along the northeasterly limit of the said Concession in the former townships of Caledon and Chinguacousy to the easterly angle of Lot 34 in Concession II of the former Township of Chinguacousy;

Thence southwesterly along the southeasterly limit of that Lot to its southerly angle;

Thence southeasterly along the southwesterly limit of Lots 33 and 32 in the said Concession to the southerly angle of the said Lot;

Thence southwesterly to and along the southeasterly limit of Lot 32 in Concession III West of Hurontario Street to its southerly angle;

Thence southeasterly along the southwesterly limit of Lots 31 and 30 in the said Concession to the southerly angle of the said Lot;

Thence southwesterly to and along the southeasterly limit of Lot 30 in Concession IV West of Hurontario Street to its southerly angle;

Thence southeasterly along the southwesterly limit of Lot 29 in the said Concession to its southerly angle;

Thence southwesterly to and along the southeasterly limit of Lot 29 in Concession V West of Hurontario Street to its southerly angle;

Thence southeasterly along the southwesterly limit of Lots 28 and 27 in the said Concession to its southerly angle;

Thence southwesterly to and along the southeasterly limit of Lot 27 in Concession VI West of Hurontario Street in the former Township of Chinguacousy and its prolongation to the southwesterly boundary of the Town of Caledon;

Thence northwesterly along that boundary to the place of beginning.

37. In the Township of Nottawasaga in the County of Simcoe and being composed of the lands described as follows:

- i. Beginning at the southwesterly angle of the Township of Nottawasaga;

Thence easterly along the southerly boundary of the said Township to the easterly limit of Concession IV;

Thence northerly along that limit to the northeasterly angle of Lot 4 in the said Concession;

Thence westerly along the northerly limit of that Lot to its northwesterly angle;

Thence northerly along the westerly limit of the said Concession to the boundary of the Village of Creemore;

Thence following the westerly and northerly boundaries of that Village to the southerly limit of Lot 10 in the said Concession;

Thence easterly along that limit to its southeasterly angle;

Thence northerly along the easterly limit of the said Concession to the southeasterly angle of Lot 16 in the said Concession;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of lots 16, 17 and 18 in the said Concession to the northwesterly angle of the said Lot;

Thence westerly to and along the northerly limit of Lot 18 in Concession V to its northwesterly angle;

Thence northerly along the westerly limit of Lot 19 in that Concession to its northwesterly angle;

Thence westerly along the northerly limit of Lot 19 in Concession VI to its northwesterly angle;

Thence southerly along the westerly limit of lots 19, 18 and 17 in the said Concession to the southwesterly angle of the said Lot;

Thence westerly to and along the southerly limit of Lot 17 in Concession VII to its southwesterly angle;

Thence northerly along the westerly limit of that Lot to its northwesterly angle;

Thence westerly along the northerly limit of Lot 17 in Concession VIII and its prolongation to the easterly limit of Concession IX;

Thence northerly along that limit to the southeasterly angle of Lot 22 in the said Concession;

Thence westerly along the southerly limit of that Lot to its southwesterly angle;

Thence northerly along the westerly limit of the said Concession to the southwesterly angle of Lot 29 in the said Concession;

Thence westerly to and along the southerly limit of Lot 29 in Concession X to its southwesterly angle;

Thence northerly along the westerly limit of lots 29 and 30 in the said Concession to the northwesterly angle of the said Lot;

Thence westerly to and along the northerly limit of Lot 30 in Concession XI to its northwesterly angle;

Thence northerly to and along the easterly limit of Lot 31 in Concession XII to its northeasterly angle;

Thence westerly along the northerly limit of that Lot and its prolongation to the westerly boundary of the Township of Nottawasaga;

Thence southerly along that boundary to the westerly prolongation of the northerly limit of Registered Plan Number 168;

Thence easterly to and along that limit to the northeasterly angle of Lot 12 of the said Plan;

Thence southerly along the easterly limit of that Lot to its southeasterly angle;

Thence easterly along the northerly limit of Collingwood Street to the northerly prolongation of the easterly limit of Block E of Registered Plan Number 92;

Thence southerly to and along the easterly limit of Block E and Lot 1 as shown on the

said Plan and the southerly prolongation thereof to the northerly high-water mark of the Mad River;

Thence westerly along the said high-water mark to the westerly boundary of the Township of Nottawasaga;

Thence southerly along that boundary to the place of beginning;

Saving and excepting thereout and therefrom the lands lying within the hamlets of Dunedin and Glen Huron as shown on maps filed in the Office of the Registrar of Regulations at Toronto as numbers 1172 and 1173.

- ii. Beginning at the intersection of the westerly boundary of the Township of Nottawasaga and the westerly prolongation of the southerly limit of Lot 35 in Concession XII;

Thence easterly to and along that limit to its southeasterly angle;

Thence northerly along the easterly limit of lots 35, 36 and 37 in the said Concession to the northeasterly angle of the said Lot;

Thence westerly along the northerly limit of that Lot and its prolongation to the westerly boundary of the Township of Nottawasaga;

Thence southerly along that boundary to the place of beginning. O. Reg. 451/75, Sched.; O. Reg. 646/75, ss. 1-14; O. Reg. 770/75, s. 1; O. Reg. 861/75, ss. 1, 2; O. Reg. 868/75, s. 1; O. Reg. 926/75, s. 1; O. Reg. 736/76, s. 1; O. Reg. 1021/76, s. 1; O. Reg. 70/77, s. 1; O. Reg. 177/77, s. 1; O. Reg. 321/77, s. 1; O. Reg. 421/77, ss. 1, 2; O. Reg. 789/77, s. 1; O. Reg. 341/78, s. 1; O. Reg. 392/78, s. 1; O. Reg. 857/78, s. 1; O. Reg. 172/80, s. 1; O. Reg. 173/80, s. 1.



## REGULATION 684

### under the Niagara Escarpment Planning and Development Act

#### DESIGNATION OF PLANNING AREA

1. The area of land in Ontario set forth in the Schedule hereto is established as the Niagara Escarpment Planning Area. O. Reg. 118/74, s. 1.

2. The Commission is directed,

(a) to carry out an investigation and survey of the environmental, physical, social and economic conditions in relation to the development of the Niagara Escarpment Planning Area; and

(b) to prepare before the 1st day of January, 1981, a plan based upon the results of the survey and investigation suitable for approval as the Niagara Escarpment Plan. O. Reg. 118/74, s. 2; O. Reg. 606/77, s. 1; O. Reg. 566/80, s. 1.

#### Schedule

1. All of the Township of Albemarle in the County of Bruce.

2. In the Township of Amabel in the County of Bruce described as follows:

Beginning at the intersection of the east boundary of the Township of Amabel and the south limit of Concession XX;

Thence westerly along the south limit of lots 1, 2 and 3 in Concession XX to the southwest angle of Lot 3;

Thence northerly along the west limit of Lot 3 to its northwest angle;

Thence westerly along the south limit of lots 4 and 5 in Concession XXI to the southwest angle of Lot 5;

Thence northerly along the west limit of Lot 5 in concessions XXI and XXII to the northwest angle of Lot 5 in Concession XXII;

Thence westerly along the south limit of lots 6, 7 and 8 in Concession XXIII to the southwest angle of the said Lot 8;

Thence northerly along the west limit of Lot 8 in concessions XXIII, XXIV and XXV to the north boundary of the Township of Amabel;

Thence easterly along the north boundary of the Township of Amabel to its northeast angle;

Thence southerly along the east boundary of the Township of Amabel to the north boundary of the Town of Wiarton;

Thence following the boundaries between the Township of Amabel and the Town of Wiarton to the east boundary of the Township of Amabel;

Thence southerly along the said boundary to the point of beginning.

3. All of the Township of Eastnor in the County of Bruce.

4. All of the Township of Lindsay in the County of Bruce.

5. All of the Village of Lion's Head in the County of Bruce.

6. All of the Township of St. Edmunds in the County of Bruce.

7. All of the Town of Wiarton in the County of Bruce.

8. In the Township of Melancthon in the County of Dufferin and being composed of the lands described as follows:

i. Beginning at the intersection of the east boundary of the Township of Melancthon where it is intersected by the easterly prolongation of the south limit of Lot 3 in Concession I of the said Township;

Thence westerly to and along the south limit of Lot 3 to its southwest angle;

Thence northerly along the west limit of Concession I to the northwest angle of Lot 8;

Thence westerly to and along the south limit of Lot 9 in Concession II to its southwest angle;

Thence northerly along the west limit of lots 9, 10 and 11 in Concession II to the northwest angle of Lot 11;

Thence westerly to and along the south limit of Lot 12 in Concession III to the southwest angle of Lot 12;

Thence northerly along the west limit of Concession III to the northwest angle of Lot 15;

Thence easterly along the north limit of Lot 15 in Concession III to its northeast angle;

Thence northerly to and along the east limit of lots 16 and 17 in Concession III to the northeast angle of Lot 17;

Thence easterly to and along the north limit of Lot 17 in Concession II to its northeast angle;

Thence northerly along the east limit of lots 18 and 19 in Concession II to the northeast angle of Lot 19;

Thence easterly to and along the north limit of Lot 19 in Concession I and its prolongation to the east boundary of the Township of Melancthon;

Thence southerly along the east boundary of the Township of Melancthon to the point of beginning.

- ii. Beginning at the northeast angle of the Township of Melancthon;

Thence southerly along the east boundary of the Township of Melancthon to the easterly prolongation of the south limit of Lot 29 in Concession I of the said Township;

Thence westerly to and along the south limit of Lot 29 in Concession I to its southwest angle;

Thence northerly along the west limit of Lot 29 in Concession I to its northwest angle;

Thence westerly to and along the south limit of Lot 30 in Concession II to its southwest angle;

Thence north along the west limit of lots 30, 31 and 32 in Concession II of the Township of Melancthon and its northerly prolongation to the boundary between the townships of Melancthon and Osprey;

Thence easterly along the north boundary of the Township of Melancthon to the point of beginning.

9. In the Township of Mono in the County of Dufferin and being composed of the lands described as follows:

Beginning at the southeast angle of Lot 3 in Concession II West of Hurontario Street of the Township of Mono;

Thence northerly along the east limit of lots 3, 4 and 5 in Concession II West of Hurontario Street to the northeast angle of Lot 5;

Thence westerly along the northerly limit of the said Lot 5 to its northwest angle;

Thence northerly to and along the westerly limit of lots 6, 7, 8 and 9 in Concession II West of Hurontario Street to the northwest angle of Lot 9;

Thence easterly along the north limit of Lot 9 in Concession II West of Hurontario Street to the northeast angle of Lot 9;

Thence northerly along the east limit of lots 10 and 11 in Concession II West of Hurontario Street to the northeast angle of Lot 11;

Thence easterly to and along the north limit of Lot 11 in Concession I West of Hurontario Street to the northeast angle of Lot 11;

Thence northerly along the east limit of lots 12 and 13 in Concession I West of Hurontario Street to the northeast angle of Lot 13;

Thence easterly to and along the north limit of Lot 13 in Concession I East of Hurontario Street of the Township of Mono to the northeast angle of Lot 13;

Thence northerly along the east limit of Concession I East of Hurontario Street to the northeast angle of Lot 21;

Thence westerly along the north limit of Lot 21 in Concession I East of Hurontario Street to its northwest angle;

Thence northerly along the west limit of the said Concession I East of Hurontario Street to the northwest angle of Lot 27;

Thence westerly to and along the north limit of Lot 27 in Concession I West of Hurontario Street of the Township of Mono to its northwest angle;

Thence northerly along the west limit of lots 28 and 29 in Concession I West of Hurontario Street to the northwest angle of Lot 29;

Thence westerly to and along the north limit of Lot 29 in Concession II West of Hurontario Street to its northwest angle;

Thence northerly along the west limit of lots 30, 31 and 32 in Concession II West of Hurontario Street and its prolongation to the north boundary of the Township of Mono;

Thence easterly along the north boundary of the Township of Mono to its northeast angle;

Thence southerly along the east boundary of the Township of Mono to its southeast angle;

Thence westerly along the south boundary of the Township of Mono to the boundary of the Township of Orangeville;

Thence following the boundaries between the Township of Mono and the Town of Orangeville to the point of beginning.

10. All of the Township of Mulmur in the County of Dufferin.

11. In the Town of Orangeville, in the County of Dufferin and being composed of the lands described as follows:

Beginning at an angle in the Town of Orangeville being at the northeast angle of the west half of Lot 31 in Concession II West of Hurontario Street of the former Township of Caledon;

Thence northeasterly along the Town Line between the former Township of Caledon and the Township of East Garafraxa to the west limit of John Street being part of King's Highway Number 136 in the Town of Orangeville;

Thence northerly along the west limit of John Street to the original Town Line between the townships of East Garafraxa and Mono;

Thence easterly along the said Town Line to the west limit of First Street being part of King's Highway Number 10 in the Town of Orangeville;

Thence northerly along the west limit of First Street to the north limit of the Town of Orangeville;

Thence easterly along the north boundary of the Town of Orangeville to its northeast angle;

Thence in a general southwesterly direction following the east and southern boundaries of the Town of Orangeville to the point of beginning.

12. In the Township of Artemesia in the County of Grey and being composed of the lands described as follows:

Beginning at the northeast angle of Lot 40 in Concession XII of the Township of Artemesia;

Thence westerly to and along the north limit of Lot 40 in Concession XII of the Township of Artemesia to its northwest angle;

Thence southerly along the west limit of Lot 40 to its southwest angle;

Thence westerly along the north limit of Lot 39 in Concession XI to its northwest angle;

Thence southerly along the west limit of Lot 39 to its southwest angle;

Thence westerly along the south limit of Lot 38 in Concession XI to its southwest angle;

Thence southerly to and along the east limit of Lot 37 in Concession X of the Township of Artemesia to its southeast angle;

Thence westerly along the south limit of the said Lot 37 to its southwest angle;

Thence southerly along the east limit of Lot 36 in Concession IX to its southeast angle;

Thence westerly along the south limit of Lot 36 to its southwest angle;

Thence southerly to and along the west limit of Lot 36 in Concession VIII to its southwest angle;

Thence westerly to and along the north limit of lots 35, 34 and 33, respectively, in Concession VII to the northwest angle of Lot 33;

Thence southerly along the east limit of Lot 32 in Concession VII to its southeast angle;

Thence westerly along the south limit of Concession VII to the southwest angle of Lot 29;

Thence southerly to and along the east limit of Lot 28 in Concession VI to its southeast angle;

Thence westerly along the south limit of Lot 28 to its southwest angle;

Thence southerly along the east limit of Lot 27 in Concession V to its southerly angle;

Thence northwesterly along the northeast limit of Lot 161 in Concession III East of Toronto Sydenham Road of the Township of Artemesia to its northerly angle;

Thence southwesterly along the northwesterly limit of Lot 161 in Concession III East of Toronto Sydenham Road to its westerly angle;

Thence southeasterly along the southwest limit of Lot 161 to its southerly angle;

Thence southwesterly to and along the south-east limit of Lot 161 in concessions II and I East of Toronto Sydenham Road to the southerly angle of Lot 161 in Concession I East of Toronto Sydenham Road;

Thence northwesterly along the southwest limit of lots 161 and 160 in Concession I East of Toronto Sydenham Road to the westerly angle of Lot 160;

Thence southwesterly to and along the southeast limit of Lot 159 in Concession I West of Toronto Sydenham Road of the Township of Artemesia to its southerly angle;

Thence northwesterly along the southwest limit of Concession I West of Toronto Sydenham Road to the southerly angle of the Village of Flesherton;

Thence northeasterly along the boundaries between the Township of Artemesia and the Village of Flesherton to the east angle of the said Village;

Thence northwesterly along the boundaries of the Village of Flesherton to the southerly angle of Lot 146 in Concession II East of Toronto Sydenham Road of the Township of Artemesia;

Thence northwesterly along the southwest limit of the said Concession II East of Toronto Sydenham Road to the westerly angle of Lot 140;

Thence northeasterly along the northwest limit of Lot 140 in Concession II East of Toronto Sydenham Road to its northerly angle;

Thence northwesterly along the northeast limit of Concession II East of Toronto Sydenham Road to the northerly angle of Lot 135;

Thence northeasterly to and along the northwest limit of Lot 135 in Concession III East of Toronto Sydenham Road to its northerly angle;

Thence northwesterly along the northeast limit of Concession III East of Toronto Sydenham Road to the west limit of Lot 18 in Concession X of the Township of Artemesia;

Thence northerly along the west limit of Lot 18 in concessions X, XI, XII and XIII of the Township of Artemesia to the northwest angle of Lot 18 in Concession XIII of the Township of Artemesia;

Thence easterly along the north limit of Lot 18 to its northeast angle;

Thence northerly along the east limit of Lot 18 in Concession XIV of the Township of Artemesia and its prolongation to the boundary between the townships of Artemesia and Euphrasia;

Thence easterly along the north boundary of the Township of Artemesia to its northeast angle;

Thence southerly along the east boundary of the Township of Artemesia to the place of beginning.

13. In the Township of Collingwood in the County of Grey and being composed of lands described as follows:

Beginning at the southeast angle of the Township of Collingwood;

Thence westerly along the south boundary of the Township of Collingwood to the southerly prolongation of the east limit of Lot I in Concession VI of the Township of Collingwood;

Thence northerly to and along the east limit of lots 1, 2 and 3 in Concession VI to the northeast angle of Lot 3;

Thence westerly along the north limit of Lot 3 in Concession VI to its northwest angle;

Thence northerly along the west limit of lots 4 and 5 in Concession VI to the northwest angle of Lot 5;

Thence westerly to and along the north limit of Lot 5 in Concession VII to its northwest angle;

Thence southerly along the west limit of Lot 5 to its southwest angle;

Thence westerly along the north limit of Lot 4 in Concession VIII to its northwest angle;

Thence southerly along the west limit of the said Lot 4 to its southwest angle;

Thence westerly to and along the north limit of Lot 3 in Concession IX to its northwest angle;

Thence southerly along the west limit of lots 3, 2 and 1, respectively, in Concession IX and its prolongation to the boundary between the townships of Collingwood and Osprey;

Thence westerly along the south boundary of the Township of Collingwood to its southwest angle;

Thence northerly along the west boundary of the Township of Collingwood to its northwest angle;

Thence easterly along the north boundary of the Township of Collingwood to its northeast angle;

Thence southerly along the east boundary of the Township of Collingwood to the place of beginning;

Excepting the lands lying within the Corporation of the Town of Thornbury.

14. In the Township of Derby in the County of Grey and being composed of lands described as follows:

Beginning at the intersection of the east boundary of the Township of Derby and the south boundary of the City of Owen Sound;

Thence southerly along the east boundary of the Township of Derby to the easterly prolongation of the south limit of Lot 8 in Concession I of the Township of Derby;

Thence westerly to and along the south limit of Lot 8 in concessions I and II to the southwest angle of Lot 8 in Concession II;

Thence northerly along the west limit of lots 8 and 9 in Concession II to the northwest angle of Lot 9;

Thence westerly to and along the north limit of Lot 9 in Concession III to its northwest angle;

Thence northerly to and along the west limit of lots 10 and 11 in Concession III to the northwest angle of Lot 11;

Thence westerly along the south limit of Lot 12 in Concession IV to its southwest angle;

Thence northerly along the west limit of Concession IV to the northwest angle of Lot 15;

Thence westerly to and along the south limit of Lot 16 in Concession V to its southwest angle;

Thence northerly along the west limit of lots 16 and 17 in Concession V to the northwest angle of Lot 17;

Thence easterly along the north limit of Lot 17 to the southwest angle of Lot 2 in the Indian Strip;

Thence northerly along the west limit of Lot 2 and its prolongation to the boundary between the townships of Derby and Keppel;

Thence easterly along the north boundary of the Township of Derby to the boundary of the City of Owen Sound;

Thence following the boundaries between the Township of Derby and the City of Owen Sound to the place of beginning.

15. In the Township of Euphrasia in the County of Grey and being composed of lands described as follows:

Beginning at the southeast angle of the Township of Euphrasia;

Thence westerly along the south boundary of the said Township to the southerly prolongation of the west limit of Lot I in Concession VII of the Township of Euphrasia;

Thence northerly along the west limit of lots 1, 2, 3 and 4 in Concession VII to the northwest angle of Lot 4;

Thence easterly along the north limit of Lot 4 to its northeast angle;

Thence northerly along the east limit of Concession VII to the northeast angle of Lot 18;

Thence easterly to and along the north limit of Lot 18 in Concession VI to its northeast angle;

Thence northerly along the east limit of lots 19 and 20 in Concession VI to the northeast limit of Lot 20;

Thence westerly along the south limit of Lot 21 in Concession VI to its southwest angle;

Thence northerly along the west limit of lots 21, 22 and 23 in Concession VI to the northwest angle of Lot 23;

Thence westerly to and along the south limit of Lot 24 in Concession VII to its southwest angle;

Thence northerly along the west limit of lots 24 and 25 in Concession VII to the northwest angle of Lot 25;

Thence westerly along the south limit of Lot 26 in concessions VIII, IX and X to the southwest angle of Lot 26 in Concession X;

Thence southerly along the west limit of Lot 25 in Concession X to its southwest angle;

Thence westerly to and along the south limit of Lot 25 in Concession XI to its southwest angle;

Thence southerly to and along the west limit of Lot 24 in Concession XI to its southwest angle;

Thence westerly along the south limit of Lot 24 in Concession XII and its prolongation to the boundary between the townships of Euphrasia and Holland;

Thence northerly along the west boundary of the Township of Euphrasia to its northwest angle;

Thence easterly along the north boundary of the Township of Euphrasia to its northeast angle;

Thence southerly along the east boundary of the Township of Euphrasia to the place of beginning.

16. All of the Village of Flesherton in the County of Grey.

17. In the Township of Holland in the County of Grey and being composed of lands described as follows:

Beginning at the northeast angle of the Township of Holland;

Thence southerly along the east boundary of the said Township to the easterly prolongation of the south limit of Lot 8 in Concession XII of the Township of Holland.

Thence westerly to and along the south limit of Lot 8 to its southwest angle;

Thence southerly along the west limit of Lot 9 in Concession XII to its southwest angle;

Thence westerly along the south limit of Lot 9 in Concessions XI, X and IX, respectively, to the southwest angle of Lot 9 in Concession IX;

Thence southerly to and along the west limit of Lot 10 in Concession IX to its southwest angle;

Thence westerly to and along the south limit of Lot 10 in Concession VIII to its southwest angle;

Thence northerly along the west limit of the said Lot 10 to its northwest angle;

Thence westerly to and along the south limit of Lot 10 in Concession VII of the Township of Holland to the northeast limit of Concession IV East of Toronto Sydenham Road of the Township of Holland;

Thence northwesterly following the northeast limit of Concession IV East and its prolongation to the south limit of Lot 6 in Concession VI of the Township of Holland;

Thence westerly along the south limit of Lot 6 to its southwest angle;

Thence northerly along the west limit of Concession VI in the Township of Holland to the northerly boundary of the Township of Holland;

Thence easterly along the northerly boundary of the Township of Holland to the place of beginning.

18. In the Township of Keppel in the County of Grey and being composed of lands described as follows:

Beginning at the southeast angle of the Township of Keppel;

Thence westerly along the south boundary of the Township of Keppel to the southerly prolongation of the east limit of Lot 25 in Concession A of the Township of Keppel;

Thence northerly to and along the east limit of Lot 25 in Concession A and its prolongation to the southwest limit of Lot I in Concession II South of Oliphant Road of the Township of Keppel;

Thence northwesterly along the southwest limit of Lot I to its west angle;

Thence northeasterly along the northwest limit of Lot I to its northerly angle;

Thence northwesterly along the southwest limit of Lot 2 in Concession I South of Oliphant Road in the Township of Keppel to the northwest limit of Lot 2;

Thence northeasterly along the northwest limit of the said Lot 2 to its northerly angle;

Thence northwesterly along the northeast limit of Lot 3 in Concession I South of Oliphant Road to its northerly angle;

Thence northeasterly to and along the northwest limit of Lot 3 in Concession I North of Oliphant Road to its northerly angle;

Thence northwesterly along the southwest limit of Concession II North of Oliphant Road to the westerly angle of Lot 9 in the said Concession II;

Thence northeasterly along the northwest limit of Lot 9 to its northerly angle;

Thence northwesterly along the northeast limit of Concession II North of Oliphant Road to the southerly prolongation of the east limit of Lot 21 in Concession X of the Township of Keppel;

Thence northerly to and along the east limit of Lot 21 to its northeast angle;

Thence westerly along the north limit of Lot 21 to its northwest angle;

Thence northerly along the west limit of Lot 21 in Concessions XI and XII of the Township of Keppel to the northwest angle of Lot 21 in the said Concession XII;

Thence westerly to and along the south limit of Lot 20 in Concession XIII of the Township of Keppel to its southwest angle;

Thence northerly along the west limit of Lot 20 in concessions XIII, XIV, XV, XVI, and XVII of the Township of Keppel to the north limit of Lot 20 in the said Concession XVII;

Thence easterly along the north limit of Lot 20 in the said Concession XVII to its northeast angle;

Thence northerly along the east limit of Lot 20 in concessions XVIII and XIX to the northeast angle of Lot 20 in Concession XIX;

Thence easterly to and along the north limit of lots 21 and 22 in Concession XIX to the northeast angle of Lot 22;

Thence northerly to and along the east limit of Lot 22 in Concessions XX and XXI in the Township of Keppel to the northeast angle of Lot 22 in Concession XXI;

Thence easterly along the north limit of lots 23 and 24 in Concession XXI to the northeast angle of Lot 24;

Thence northerly to and along the east limit of Lot 24 in Concessions XXII and XXIII to the northeast angle of Lot 24 in Concession XXIII in the Township of Keppel;

Thence westerly along the north limit of Concession XXIII to the northwest angle of Lot 18;

Thence southerly along the west limit of Lot 18 in Concession XXIII to its southwest angle;

Thence westerly along the north limit of Concession XXII to the northwest angle of Lot 14;

Thence southerly along the west limit of Lot 14 in Concession XXII to its southwest angle;

Thence westerly along the south limit of lots 13 and 12, respectively, in Concession XXII to the southwest angle of Lot 12;

Thence southerly to and along the west limit of Lot 12 in Concession XXI to its southwest angle;

Thence westerly along the south limit of Concession XXI to the southeast angle of Lot 8;

Thence southerly along the east limit of Lot 8 in Concession XX to its southeast angle;

Thence westerly along the south limit of Concession XX to the southwest angle of Lot I in Concession XX of the Township of Keppel and its prolongation to the west boundary of the Township of Keppel;

Thence northerly along the west boundary of the Township of Keppel to the south boundary of the Town of Wiarton;

Thence following the boundaries between the Township of Keppel and the Town of Wiarton to the northwest boundary of the Township of Keppel;

Thence following the boundaries of the Township of Keppel in Georgian Bay, in accordance with *The Territorial Division Act* to the boundaries between the townships of Keppel and Sarawak;

Thence westerly and southerly following the boundaries between the said townships to the place of beginning.

19. All of the Town of Meaford in the County of Grey.

20. In the Township of Osprey in the County of Grey described as follows:

i. Beginning at the southeast angle of the Township of Osprey;

Thence westerly along the south boundary of the said Township to the southerly prolongation of the west limit of Lot 71 in Concession III South of Durham Road of the Township of Osprey;

Thence northerly to and along the west limit of Lot 71 in Concession III South of Durham Road to its northwest angle;

Thence westerly along the north limit of Concession III South of Durham Road to the northwest angle of Lot 61 in Concession III South of Durham Road;

Thence northerly to and along the west limit of Lot 61 in Concessions II and I South of Durham Road and in Concessions I, II and III North of Durham Road to the northwest angle of Lot 61 in Concession III North of Durham Road;

Thence northerly to and along the west limit of Lot 31 in Concessions IV, V and VI of the Township of Osprey to the northwest angle of Lot 31;

Thence easterly along the north limit of lots 31 and 32 in Concession VI of the Township of Osprey to the northeast angle of the said Lot 32;

Thence northerly to and along the west limit of Lot 33 in Concession VII of the Township of Osprey to its northwest angle;

Thence easterly along the north limit of lots 33, 34 and 35 in Concession VII of the Township of Osprey to the northeast angle of Lot 35;

Thence northerly along the east limit of Lot 35 in Concessions VIII, IX and X of the Township of Osprey to the northeast angle of Lot 35 in Concession X of the Township of Osprey;

Thence westerly along the north limit of Concession X to the northwest angle of Lot 30;

Thence northerly to and along the east limit of Lot 29 in Concession XI to its northeast angle;

Thence westerly along the north limit of lots 29 and 28, respectively, in Concession XI to the northwest angle of Lot 28;

Thence northerly along the east limit of Lot 27 in Concession XII to its northeast angle;

Thence westerly along the north limit of Lot 27 in Concession XII to its northwest angle;

Thence northerly to and along the east limit of Lot 26 in Concession XIII to its northeast angle;

Thence westerly along the northerly limit of Lot 26 to its northwest angle;

Thence northerly to and along the west limit of Lot 26 in Concession XIV of the Township of Osprey and its prolongation to the boundary between the townships of Osprey and Collingwood;

Thence easterly along the north boundary of the Township of Osprey to its northeast angle;

Thence southerly along the east boundary of the Township of Osprey to the place of beginning.

ii. Beginning at the northwest angle of the Township of Osprey;

Thence easterly along the north boundary of the said Township to the northerly prolongation of the east limit of Lot 7 in Concession XIV of the Township of Osprey;

Thence southerly to and along the east limit of Lot 7 to its southeast angle;

Thence westerly along the south limit of Concession XIV to the southeast angle of Lot 1;

Thence southerly along the east limit of Lot I in Concession XIII to its southeast angle;

Thence westerly along the south limit of Lot I in Concession XIII to its southwest angle;

Thence northerly along the west boundary of the Township of Osprey to the point of beginning.

21. All of the City of Owen Sound in the County of Grey.

22. All of the Township of St. Vincent in the County of Grey.

23. All of the Township of Sarawak in the County of Grey.

24. In the Township of Sydenham in the County of Grey described as follows:

Beginning at a point in the south boundary of the Township of Sydenham where it is intersected by the southerly prolongation of the west limit of Lot I in Concession VII of the said Township;

Thence northerly to and along the west limit of Concession VII of the Township of Sydenham to the northwest angle of Lot 10 in Concession VII;

Thence easterly along the north limit of Lot 10 to its northeast angle;

Thence northerly along the east limit of lots 11, 12 and 13 in Concession VII to the northeast angle of Lot 13;

Thence easterly to and along the north limit of Lot 13 in Concession VI to its northeast angle;

Thence northerly along the east limit of lots 14 and 15 in Concession VI to the northeast angle of Lot 15;

Thence westerly along the north limit of Lot 15 to the northwest angle of Lot 15 in Concession VI;

Thence northerly to and along the east limit of Lot 19 in Concession II South of Centre Road of the Township of Sydenham to its northeast angle;

Thence westerly along the north limit of the said Lot 19 to the southeast angle of Lot 20 in Concession I South of Centre Road;

Thence northerly along the east limit of Lot 20 to its northeast angle;

Thence westerly along the north limit of lots 20, 21 and 22 in the said Concession I South of Centre Road to the northwest angle of Lot 22;

Thence southerly along the west limit of Lot 22 to its southwest angle;

Thence westerly along the south limit of Lot 23 in Concession I South of Centre Road to its southwest angle;

Thence southerly along the west limit of Lot 23 in Concession II South of Centre Road and its prolongation to the north limit of Lot 15 in Concession VIII of the Township of Sydenham.

Thence westerly along the north limit of Lot 15 to its northwest angle;

Thence southerly along the west limit of Concession VIII of the Township of Sydenham to the southwest angle of Lot 13;

Thence westerly to and along the south limit of Lot 13 in Concession IX of the Township of Sydenham to its southwest angle;

Thence southerly along the west limit of lots 12 and 11 in Concession IX of the Township of Sydenham to the southwest angle of Lot 11;

Thence westerly along the south limit of Lot 11 in Concessions X and XI of the Township of Sydenham to the southwest angle of Lot 11;

Thence southerly along the east limit of lots 10 and 9, respectively, in Concession XII to the southeast angle of Lot 9;

Thence westerly along the southerly limit of Lot 9 and its prolongation to the boundary between the townships of Sydenham and Derby;

Thence northerly along the west boundary of the Township of Sydenham to the boundary of the City of Owen Sound;

Thence following the boundaries of the Township of Sydenham and the City of Owen Sound to Georgian Bay;

Thence following the boundaries of the Township of Sydenham in accordance with *The Territorial Division Act* to the northeast angle of the Township of Sydenham;

Thence southerly along the east boundary of the Township of Sydenham to its southeast angle;

Thence westerly along the south boundary of the Township of Sydenham to the place of beginning.

25. All of the Town of Thornbury in the County of Grey.

26. In the City of Burlington in The Regional Municipality of Halton described as follows:

Beginning at the northerly angle of the City of Burlington;

Thence southerly along the easterly boundary of the said City to the southerly limit of the road allowance between concessions I and II North of Dundas Street;

Thence westerly along that southerly limit to the northeasterly angle of Lot 20 in that Concession I;

Thence southerly along the easterly limit of that Lot to the brow of the slope in Lot 6 of Registered Plan Number 540;

Thence southwesterly along the brow of that slope through lots 6, 5, 4 and 3 of that Plan to its intersection with the southerly limit of the northerly three-quarters of that Lot 20;

Thence westerly along the southerly limit of the northerly three-quarters of lots 20, 21 and 22 in that Concession I to the westerly limit of that Lot 22;

Thence southerly along that westerly limit to the northerly limit of Dundas Street;

Thence westerly along that northerly limit to the westerly boundary of the City of Burlington;

Thence northerly along that westerly boundary to the northerly boundary of that City;

Thence easterly along that northerly boundary to the place of beginning.

27. In the Town of Halton Hills in The Regional Municipality of Halton described as follows:

Beginning at the northeast angle of the Town of Halton Hills;

Thence southeasterly along the boundary of the Town of Halton Hills to the northeasterly prolongation of the southeast limit of Lot 22 in Concession XI of the former township of Esqueving;

Thence southwesterly to and along the southeast limit of the said Lot 22 to its southerly angle;

Thence southeasterly along the southwest limit of Lot 21 in Concession XI to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 21 in Concession X to its southerly angle;

Thence southeasterly along the southwest limit of Lot 20 in Concession X to its southerly angle;

Thence southwesterly to and along the southeast limit of the northeast half of Lot 20 in Concession IX to its southerly angle;

Thence northwesterly along the northeast limit of the southwest one-half of Lot 20 in Concession IX to its northerly angle;

Thence southwesterly along the north limit of Lot 20 in Concessions IX and VIII to the northeast limit of the southwest half of Lot 20 in Concession VIII;

Thence southeasterly along the line between northeast and southwest halves of lots 20, 19, 18 and 17 in Concession VIII to the southeast limit of Lot 17;

Thence southwesterly along the southeast of Lot 17 to the easterly limit of the diversion of the road allowance between concessions VIII and VII of the former Township of Esquesing;

Thence southeasterly along the northeast limit of the diversion of the road allowance between concessions VIII and VII to the southerly angle of Lot 16 in Concession VIII;

Thence southwesterly to and along the southeast limit of Lot 16 in Concession VII to its southerly angle;

Thence southeasterly to and along the southwest limit of Lot 15 and Lot 14 in Concession VII to the southerly angle of Lot 14;

Thence southwesterly to and along the southeast limit of Lot 14 in Concession VI to its southerly angle;

Thence southeasterly along the southwest limit of Lot 13 and Lot 12 in Concession VI to the southerly angle of Lot 12;

Thence southwesterly to and along the southeast limit of Lot 12 in Concession V to its southerly angle;

Thence southeasterly along the southwest limit of Lot 11 in Concession V to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 11 in Concession IV to its southerly angle;

Thence southeasterly along the southwest limit of lots 10, 9 and 8, respectively, in Concession IV to the southerly angle of Lot 8;

Thence southwesterly to and along the southeast limit of Lot 8 in Concession III to its southerly angle;

Thence southeasterly along the southwest limit of Concession III to the boundary of the Town of Halton Hills;

Thence westerly along the southeast boundary of the Town of Halton Hills to an angle therein;

Thence northwesterly along the southwest boundary of the Town of Halton Hills to the southwest prolongation of the southeast limit of Lot 17 in Concession I;

Thence northeasterly to and along the southeast limit of Lot 17 in Concession I to the easterly angle of Lot 17;

Thence northwesterly along the northeasterly limit of Concession I to the northerly angle of Lot 29 in Concession I;

Thence northeasterly along the northwest limit of Lot 29 in concessions II, III and IV to the northerly angle of Lot 29 in Concession IV;

Thence southeasterly along the northeasterly limit of Lot 29 in Concession IV to the easterly angle of Lot 29;

Thence northeasterly to and along the northwest limit of Lot 28 in Concession V of the former Township of Esquesing to the northerly angle of Lot 28;

Thence northwesterly along the northeast limit of Lot 29 in Concession V to its northerly angle;

Thence northeasterly to and along the northwest limit of Lot 29 in Concession VI to the northerly angle of Lot 29;

Thence northwesterly along the northeasterly limit of Lot 30 in Concession VI to the northerly angle of Lot 30;

Thence northeasterly to and along the northwest limit of Lot 30 in Concession VII to the northerly angle of Lot 30;

Thence northwesterly along the northeasterly limit of Lot 31 in Concession VII to the northerly angle of Lot 31;

Thence northeasterly to and along the northwest limit of Lot 31 in Concession VIII to the northerly angle of Lot 31;

Thence northwesterly along the northeast limit of Lot 32 in Concession VIII and its prolongation to the northwest boundary of the Town of Halton Hills;

Thence northeasterly along the boundary between the Town of Halton Hills and the Township of Erin to the place of beginning.

28. In the Town of Milton in The Regional Municipality of Halton described as follows:

Beginning at a point in the southwest boundary of the Town of Milton where it is intersected by the southwest prolongation of

the northwest limit of Lot 2 in Concession I of the former Township of Nassagaweya;

Thence northeasterly to and along the northwest limit of Lot 2 to its northerly angle;

Thence northwesterly along the northeast limit of lots 3, 4, 5, 6 and 7 in Concession I to the north angle of Lot 7;

Thence northeasterly to and along the northwest limit of Lot 7 in Concession II to its northerly angle;

Thence northwesterly along the northeast limit of lots 8 and 9 in Concession II to the northeast angle of Lot 9;

Thence northeasterly to and along the northwest limit of Lot 9 in Concession III to the northeast angle of Lot 9;

Thence northwesterly along the northeast limit of lots 10 and 11 in Concession III to the northeast angle of Lot 11;

Thence northeasterly to and along the northwest limit of Lot 11 in Concession IV to the northeast angle of Lot 11;

Thence northwesterly along the northeast limit of Lot 12 in Concession IV to its northeast angle;

Thence northeasterly to and along the northwest limit of Lot 12 in concessions V and VI to the northeast angle of Lot 12 in Concession VI;

Thence northwesterly along the northeast limit of Lot 13 in Concession VI to the north angle of Lot 13;

Thence northeasterly to and along the northwest limit of Lot 13 in Concession VII and its prolongation to the boundary between the former townships of Nassagaweya and Esquesing now the northeast boundary of the Town of Milton;

Thence southeasterly and northeasterly along the boundaries of the Town of Milton to the west limit of Concession III in the former Township of Esquesing;

Thence southeasterly to and along the west limit of lots 5, 4, 3, 2 and 1 in the said Concession III in the former Township of Esquesing to the south limit of the Town Line between the former townships of Esquesing and Trafalgar;

Thence southwesterly along the southeasterly limit of the said Town line to the easterly limit of the right-of-way of the Canadian National Railways in Lot 15 in Concession I of the former Township of Trafalgar;

Thence southeasterly along that easterly limit to the northwesterly limit of Lot 11 in the said Concession I.

Thence northeasterly along the northwest limit of Lot 11 to the westerly angle of Lot 11 in Concession II of the former Township of Trafalgar;

Thence southeasterly along the southwest limit of lots 11 and 10 in the said Concession II to the south angle of Lot 10;

Thence southwesterly to and along the southeast limit of Lot 10 in Concession I of the former Township of Trafalgar to the southwest angle of Lot 10 in the said Concession I;

Thence southeasterly following the northeast limit of the road allowance between the former towns of Oakville and Burlington to the northwest angle of Lot 5 in Concession I of the former Township of Trafalgar;

Thence southwesterly to and along the northwest limit of Lot 5 in Concession VII of the former Township of Nelson and its prolongation to the southwest boundary of the Town of Milton;

Thence northwesterly along the boundary of the Town of Milton to an angle therein, being the northeast angle of the City of Burlington;

Thence southwesterly along the boundary of the Town of Milton to its southwest boundary;

Thence northwesterly along the southwest boundary of the Town of Milton to the place of beginning.

29. In the Town of Ancaster in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the point of intersection of the east boundary of the Town of Ancaster and the south limit of King's Highway Number 53;

Thence southwesterly along the south limit of Highway Number 53 to the southeasterly prolongation of the east limit of Lot 35 in Concession III of the Town of Ancaster;

Thence northwesterly to and along the east limit of Lot 35 in Concession III to its northeast angle;

Thence southwesterly along the north limit of lots 35, 34, 33 and 32, respectively, in Concession III to the southeasterly prolongation of the east limit of Lot 31 in Concession II;

Thence northwesterly to and along the northeast limit of Lot 31 in Concession II to its northeast angle;

Thence southwesterly along the southeasterly limit of the road allowance between concessions I and II to the northwest angle of Lot 28 in Concession II;

Thence northwesterly to and along the southwest limit of Lot 28 in Concession I and its prolongation to the northerly boundary of the Town of Ancaster;

Thence easterly along the north boundary of the Town of Ancaster to the boundary of the Town of Dundas;

Thence following the boundaries between the towns of Ancaster and Dundas to an angle in the City of Hamilton;

Thence following the boundaries between the Town of Ancaster and the City of Hamilton to the place of beginning.

30. In the Town of Dundas in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the northwesterly angle of the Town of Dundas;

Thence easterly along the northerly boundary of that Town to the westerly limit of Lot 16 in Concession I of the former Township of West Flamborough;

Thence southerly along the prolongation of that westerly limit to a point distant 100 feet measured southerly at right angles from the southerly limit of the right-of-way of the Canadian National Railways;

Thence easterly and parallel with that southerly limit to the line between the east and west halves of Lot 20 in that Concession I;

Thence southerly along that line to the southerly limit of York Road;

Thence southwesterly along that southerly limit to the northerly limit of Cairns Avenue;

Thence easterly along that northerly limit to the easterly limit of East Street;

Thence southerly along that easterly limit to the southerly limit of Hunter Street;

Thence easterly along that southerly limit and its prolongation a distance of 1,000 feet to a point;

Thence southerly and parallel with the easterly limit of East Street to the southerly limit of King Street;

Thence westerly along that southerly limit to that easterly limit;

Thence southerly along that easterly limit to the middle of Spencer Creek;

Thence easterly along the middle of that Creek to the boundary of the Town of Dundas;

Thence westerly along the southerly boundary of that Town to its westerly boundary;

Thence northerly along that westerly boundary to the place of beginning.

31. In the Township of Flamborough in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the intersection of the south boundary of the Township of Flamborough and the southerly prolongation of the west limit of Lot 28 in Concession I of the former Township of Beverly;

Thence northerly to and along the west limit of Lot 28 in Concession I to its northwest angle;

Thence easterly along the northerly limit of Concession I to the northeasterly angle of Lot 31;

Thence northerly to and along the west limit of Lot 32 in Concession II of the former Township of Beverly to the southerly limit of King's Highway Number 5;

Thence easterly along the south limit of Highway Number 5 to the intersection of the southerly prolongation of the west limit of Lot 22 in Concession III of the former Township of West Flamborough;

Thence northerly to and along the west limit of Lot 22 in Concession III of the former Township of West Flamborough to its northwest angle;

Thence easterly along the north limit of lots 22 and 23 in Concession III of the former Township of West Flamborough and its prolongation to the boundary between the former townships of West Flamborough and East Flamborough;

Thence southeasterly along the said boundary to the southwest prolongation of the southerly limit of Lot 13 in Concession IV of the former Township of East Flamborough;

Thence northeasterly to and along the southeast limit of Concession IV to the south angle of Lot 7 in Concession IV;

Thence northwesterly along the southwest limit of Lot 7 in Concession IV to its westerly angle;

Thence northeasterly along the northwest limit of lots 7, 6 and 5, respectively, in the said Concession IV to the north angle of Lot 5 in the said Concession IV;

Thence northwesterly to and along the line between lots 4 and 5 in concessions V, VI and VII of the former Township of East Flamborough to the north angle of Lot 5 in Concession VII of the former Township of East Flamborough;

Thence southwesterly along the northwest limit of lots 5, 6, 7, 8 and 9 in Concession VII to the west angle of Lot 9;

Thence northwesterly to and along the line between lots 9 and 10 in concessions VIII and IX of the former Township of East Flamborough to the west angle of Lot 9;

Thence northeasterly along the northwest limit of Concession IX to the north angle of Lot 4 in Concession IX of the former Township of East Flamborough;

Thence northwesterly to and along the southwest limit of Lot 3 in Concession X of the former Township of East Flamborough to its northwest angle;

Thence northeasterly along the northwest limit of lots 3, 2 and 1, respectively, in Concession X of the former Township of East Flamborough and its prolongation to the northeast boundary of the Township of Flamborough;

Thence southeasterly along the northeasterly boundary of the Township of Flamborough to a point distant 1,300 feet measured southerly therealong from the southerly limit of that part of the King's Highway known as No. 5;

Thence westerly and parallel with that southerly limit to the easterly limit of Lot 2 in Concession III in the former Township of East Flamborough;

Thence southerly along that easterly limit to a point distant 2,100 feet measured southerly therealong from the southerly limit of that part of the King's Highway;

Thence westerly and parallel with that southerly limit to the westerly limit of that Lot 2;

Thence southerly along that westerly limit to the southerly limit of that Concession III;

Thence westerly along that southerly limit to the easterly limit of the former Village of Waterdown;

Thence northerly along that easterly limit to the southeasterly limit of Back Street;

Thence southwesterly along that southeasterly limit to the westerly limit of George Street;

Thence southwesterly and parallel with the southeasterly limit of Dundas Street to the easterly limit of the right-of-way of the Canadian Pacific Railways;

Thence southerly along that easterly limit to the easterly limit of Mill Street;

Thence southerly along that easterly limit to the intersection of the easterly prolongation of the northerly limit of School Street;

Thence westerly along that easterly prolongation to the westerly limit of the right-of-way of that Railway;

Thence southerly along that westerly limit to the southerly limit of School Street;

Thence westerly along that southerly limit to the easterly limit of Main Street;

Thence southerly along that easterly limit to its intersection with the easterly prolongation of the southeasterly limit of the lands described in Registered Instrument Number 106711 A.B. registered in the Land Registry Office of Wentworth (No. 62);

Thence westerly to and along that southeasterly limit to the easterly angle of Registered Plan Number M-38;

Thence northwesterly along the northeasterly limit of Lot 11 of that Plan to the north-easterly angle of that Lot;

Thence northwesterly to and along the north-easterly limit of lots 2 and 1 of that Plan to the northeasterly angle of the said Lot 1;

Thence southwesterly along the northwesterly limit of that Plan to the easterly angle of Registered Instrument Number 93875 H.L.;

Thence southwesterly along the southeasterly limit of that Registered Instrument and its prolongation to the easterly limit of Lot 8 in Concession III in the former Township of East Flamborough;

Thence northerly along that easterly limit to the southeasterly angle of Registered Plan Number 894;

Thence southwesterly along the southeasterly limits of that Plan to a line parallel with and distant 900 feet measured southerly from the southerly limit of that part of the King's Highway known as No. 5;

Thence westerly along that parallel line to the easterly limit of Lot 9 in that Concession III;

Thence northerly along that easterly limit a distance of 10 feet, more or less, to a line parallel with and distant 200 feet measured northerly from the brow of the escarpment;

Thence southwesterly along that parallel line to the northeasterly limit of Registered Plan Number 953;

Thence southeasterly along that northeasterly limit to a line parallel with and distant 900 feet measured southerly from the southerly limit of that part of the King's Highway;

Thence westerly along that parallel line to the southwesterly boundary of the former Township of East Flamborough;

Thence southeasterly along that southwesterly boundary to a line parallel with and distant 300 feet measured northwesterly from the brow of the escarpment;

Thence southwesterly along that parallel line to the northerly limit of Concession II of the former Township of West Flamborough;

Thence westerly along that northerly limit to the northwesterly limit of Lot 25 in that Concession;

Thence southerly along the easterly limit of Lot 24 in that Concession a distance of 800 feet to a point;

Thence westerly and parallel with the northerly limit of that Lot to its westerly limit;

Thence southerly along that westerly limit 800 feet to a point;

Thence westerly and parallel with the northerly limit of lots 23 and 22 in that Concession to the westerly limit of that Lot 22;

Thence southerly along the easterly limit of Lot 21 in the said Concession to a point distant 2,400 feet from its northerly limit;

Thence westerly and parallel with that northerly limit to its westerly limit;

Thence southerly along that westerly limit to a line parallel with and distant 300 feet measured northwesterly from the northwesterly limit of Rock Chapel Road;

Thence southwesterly and southerly and parallel with the westerly limit of that road to its intersection with a line parallel with and distant 4,400 feet measured southerly from the northerly limit of Lot 20 in that Concession II;

Thence westerly along that parallel line to the westerly limit of that Lot;

Thence southerly along that westerly limit to the southerly limit of Concession II;

Thence westerly along that southerly limit to the northerly prolongation of the line between the east and west halves of Lot 18 in Concession I of the former Township of West Flamborough;

Thence southerly to and along that line to the brow of the escarpment;

Thence westerly along that brow to the westerly limit of that Lot 18;

Thence southerly along that westerly limit to the southerly boundary of the Township of Flamborough;

Thence following the southerly boundaries of that Township to the place of beginning.

32. In the Township of Glanbrook in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the northeasterly angle of the Township of Glanbrook;

Thence southerly along the east boundary of the Township of Glanbrook to the north limit of the former County Road Number 22;

Thence westerly along the north limit of the said Road Number 22 to the west boundary of the Township of Glanbrook;

Thence northerly along the westerly boundary of the Township of Glanbrook to its northwest angle;

Thence easterly along the north boundaries of the Township of Glanbrook to the place of beginning.

33. In the City of Hamilton in The Regional Municipality of Hamilton-Wentworth described as follows:

Beginning at the southwesterly angle of the City of Hamilton;

Thence northerly along the westerly boundaries of that City to the westerly limit of the lands of Ontario Hydro crossing the Ancaster Creek;

Thence southerly along that westerly limit to its intersection of the westerly prolongation of the northerly limit of Lot 19 of Registered Plan Number 904;

Thence easterly to and along that northerly limit to the westerly limit of Parcel 'A' of Registered Plan Number 770;

Thence southerly along that westerly limit to the southerly limit of that Parcel;

Thence easterly, northerly and easterly along the southeasterly limits of that Parcel to the westerly limit of Lakelet Drive as shown on Registered Plan Number 691;

Thence northerly along that westerly limit to the northerly limit of that Plan;

Thence easterly along that northerly limit to the westerly limit of Lot 28 of Registered Plan Number 824;

Thence northerly along the westerly limit of lots 28, 27, 26, 25 and 24 of that Plan to the northerly limit of that Plan;

Thence easterly along that northerly limit to the westerly limit of the right-of-way of the Toronto, Hamilton and Buffalo Railway;

Thence north  $7^{\circ} 06'$  west along that westerly limit 428.0 feet to a point;

Thence north  $59^{\circ} 30'$  east 600 feet to a survey post in the westerly limit of the lands of the Royal Botanical Gardens in Instrument Number 297345 (Ham);

Thence south  $19^{\circ} 26' 30''$  east 407 feet to a point;

Thence north  $88^{\circ} 18'$  east 340 feet,  $9\frac{1}{4}$  inches to a point;

Thence north  $5^{\circ} 19'$  east 1,052 feet,  $9\frac{1}{2}$  inches to a point;

Thence north  $61^{\circ} 28'$  east 83 feet,  $2\frac{1}{4}$  inches to a point;

Thence south  $37^{\circ} 19'$  east 196 feet,  $9\frac{3}{4}$  inches to a point;

Thence north  $89^{\circ} 51' 30''$  east 106 feet,  $1\frac{3}{4}$  inches to a point;

Thence north  $42^{\circ} 33'$  east 875 feet, 10 inches to a point;

Thence north  $75^{\circ} 47' 30''$  east 400 feet to a point;

Thence southeasterly in a straight line to the westerly angle of Lot 49 of Registered Plan Number 685;

Thence easterly along the northerly limit as shown on the said Plan to its easterly angle;

Thence southeasterly to and along the north-easterly limit as shown on Registered Plan Number 680 to the northerly limit of Knoll Drive;

Thence in a general easterly direction following the northerly limits of Knoll Drive, Dromore Crescent, Marion Avenue, Cline Crescent and King Street West to the boundary between the former townships of Ancaster and Barton;

Thence northerly along that boundary to the northerly limit as shown on Registered Plan Number 730;

Thence northeasterly along the northerly limits as shown on the said Plan and the easterly prolongation of the northerly limit as shown on the said Plan to the easterly limit of Longwood Road;

Thence northerly along that easterly limit to the westerly prolongation of the northerly limit of Lot 21 of Registered Plan Number 902;

Thence easterly to and along the northerly limit of lots 21, 22 and 23 of the said Plan to the northeasterly angle of the said Lot 23;

Thence southerly along the westerly limit of Block A of the said Plan to its southwesterly angle;

Thence easterly along the southerly limit of that Block to its southeasterly angle;

Thence southerly along the westerly limit of Paradise Road North to the westerly prolongation of the northerly limit of Lot 181 of Registered Plan Number 115;

Thence easterly to and along the northerly limit of Lot 181 of the said Plan to its north-easterly angle;

Thence southerly along the easterly limit of that Lot to its southeasterly angle;

Thence easterly along the southerly limit of Lot 180 of the said Plan 115, being along the northerly limit as shown on Registered Plan Number 918 to the easterly limit as shown on the said Plan;

Thence southerly along that easterly limit to the southeasterly angle of that Plan;

Thence westerly along the southerly limit as shown on that Plan to the northwesterly angle of Lot 170 of Registered Plan Number 115;

Thence southerly along the westerly limit of lots 170, 169, 166, 165, 162, 161, 158, 157, 154, 152, 151, 147 and 146 of the said Plan 115 and the southerly prolongation of the westerly limit of the said Lot 146 to the southerly limit of Edgevale Place;

Thence westerly along that southerly limit to the easterly limit of Parkside Road North;

Thence southerly along that easterly limit to a line midway between Athol Street and Dufferin Street;

Thence easterly along the said line to the easterly limit of Macklin Street;

Thence southerly along that easterly limit to the southerly limit of Dufferin Street;

Thence easterly along that southerly limit to the northwesterly angle of Lot 286 of Registered Plan Number 115;

Thence southerly along the westerly limit of the said Lot 186 to its southwesterly angle;

Thence easterly along the southerly limit of lots 286, 288, 290 and 292 of the said Plan to the westerly limit of Lot 293 of the said Plan;

Thence southerly along that westerly limit and its southerly prolongation to the southerly limit of Glen Road;

Thence easterly along that southerly limit to the northerly limit of King Street West;

Thence easterly along the said northerly limit to the easterly limit of the right-of-way of the Toronto, Hamilton and Buffalo Railway;

Thence northerly along that easterly limit to the southerly limit of Lot 8 of Registered Plan Number 42;

Thence easterly along the southerly limit of lots 8, 7 and 6 of the said Plan to the easterly limit of the said Lot 6;

Thence northerly along that easterly limit to the northeasterly angle of the said Lot;

Thence northerly to and along the easterly limit of Lot 17 of the said Plan to its north-easterly angle;

Thence westerly along the southerly limit of lots 6, 7, 8, 9 and 10 of the said Plan to the westerly limit of the said Lot 10;

Thence northerly along that westerly limit to the southerly limit of Jones Street;

Thence easterly along that southerly limit to the northeasterly angle of Lot 7 of the said Plan;

Thence northerly to and along the westerly limit of Lot 51 of Registered Plan Number 75 to its northwesterly angle;

Thence easterly along the northerly limit of lots 51 and 50 of the said Plan to the westerly limit of Registered Plan Number 200;

Thence northerly along that westerly limit to the northerly limit of the said Plan;

Thence easterly along the northerly limit of Registered Plan numbers 200 and 75 to the southwesterly limit of York Street;

Thence southeasterly along that southwest-erly limit to the westerly limit of James Street;

Thence northerly along that westerly limit to the northerly limit of Burlington Street;

Thence easterly along that northerly limit to the easterly limit of Woodward Avenue;

Thence northerly along that easterly limit to the easterly boundary of the locality formerly known as Burlington Beach, referred to in *The Burlington Beach Annexation Act, 1956*;

Thence northeasterly along that easterly bound-ary and its prolongation to the northerly boundary of the City of Hamilton;

Thence easterly along that northerly boundary to the easterly boundary of that City;

Thence southerly following the easterly bound-aries of that City to the southerly boundary of that City;

Thence westerly along that southerly boundary to the place of beginning.

34. All of the Town of Stoney Creek in The Regional Municipality of Hamilton-Wentworth.

35. All of the Town of Grimsby in The Regional Municipality of Niagara.

36. All of the Town of Lincoln in The Regional Municipality of Niagara.

37. In the City of Niagara Falls in The Regional Municipality of Niagara described as follows:

Beginning at the northwest angle of the City of Niagara Falls;

Thence southerly along the west boundary of the City of Niagara Falls to the middle of the main channel of the Welland River;

Thence easterly along the middle of the main channel of the Welland River and its prolongation to the International Boundary between the United States of America and Canada;

Thence northerly along the said International Boundary to the northeast angle of the City of Niagara Falls;

Thence westerly along the north boundary of the City of Niagara Falls to the place of beginning.

38. All of the Town of Niagara-on-the-Lake in The Regional Municipality of Niagara.

39. All of the Town of Pelham in The Regional Municipality of Niagara.

40. All of the City of St. Catharines in The Regional Municipality of Niagara.

41. All of the Town of Thorold in The Regional Municipality of Niagara.

42. In the City of Welland in The Regional Municipality of Niagara described as follows:

Beginning at the intersection of the northern boundary of the City of Welland and the middle of the main channel of the Welland River;

Thence southwesterly along the middle of the main channel of the Welland River to the western boundary of the City of Welland;

Thence northerly and easterly following the westerly and northerly boundaries of the City of Welland to the point of beginning.

43. In the Township of West Lincoln in The Regional Municipality of Niagara described as follows:

Beginning at the northeast angle of the Township of West Lincoln;

Thence southerly along the east boundary of the Township of West Lincoln to the north limit of King's Highway Number 20;

Thence westerly along the north limit of the said Highway Number 20 and along the Regional Road Number 65 to the westerly boundary of the Township of West Lincoln;

Thence northerly along the westerly boundary of the Township of West Lincoln to its north-west angle;

Thence easterly along the northerly boundaries of the Township of West Lincoln to the place of beginning.

44. In the Town of Caledon in The Regional Municipality of Peel described as follows:

Beginning at the intersection of the southwest boundary of the Town of Caledon and the southwest prolongation of the line between lots 3 and 4 in Concession VI West of Hurontario Street of the former Township of Caledon;

Thence northeasterly to and along the line between lots 3 and 4 to the northerly angle of Lot 3 in Concession VI;

Thence northwesterly along the northeast limit of lots 4 and 5 in Concession VI to the northerly angle of Lot 5;

Thence northeasterly to and along the north-west limit of Lot 5 in Concession V to its northerly angle;

Thence northwesterly to and along the north-east limit of Lot 6 in Concession V to its northerly angle;

Thence southwesterly along the northwest limit of the said Lot 6 to its westerly angle;

Thence northwesterly along the southwest limit of Lot 7 in Concession V to the westerly angle of Lot 7;

Thence southwesterly to and along the north-west limit of Lot 7 in Concession VI and its prolongation to the southwest boundary of the Town of Caledon;

Thence northwesterly along the said boundary to the southwest prolongation of the line between lots 13 and 14 in Concession VI;

Thence northeasterly to and along the said line between lots 13 and 14 to the easterly angle of Lot 14;

Thence northwesterly along the northeast limit of lots 14 and 15 in Concession VI to the northerly angle of Lot 15;

Thence northeasterly to and along the north-west limit of Lot 15 in Concession V to its northerly angle;

Thence northwesterly along the northeast limit of Concession V to the northerly angle of Lot 23 in the said Concession V;

Thence southwesterly along the northwest limit of Lot 23 in Concession V to its westerly angle;

Thence northwesterly along the southwest limit of Concession V to the northwest boundary of the Town of Caledon;

Thence northeasterly along the northwest boundary of the Town of Caledon to an angle in the Town of Orangeville;

Thence following the boundaries between the towns of Caledon and Orangeville to the northern boundary of the Town of Caledon;

Thence easterly along the northern boundary of the Town of Caledon to the northerly prolongation of the northeast limit of Concession IV of the former Township of Albion, now in the Town of Caledon;

Thence southeasterly to and along the northeast limit of Concession IV of the former Township of Albion to the easterly angle of Lot 24;

Thence southwesterly along the southeast limit of the said Lot 24 to its southerly angle;

Thence southeasterly along the west limit of Concession IV of the former Township of Albion to the southerly angle of Lot 19;

Thence southwesterly to and along the north limit of Lot 18 in Concession III of the former Township of Albion to its westerly angle;

Thence southeasterly along the southwesterly limit of the said Lot 18 to its southerly angle;

Thence southwesterly to and along the northwest limit of Lot 17 in concessions II and I of the former Township of Albion to the westerly angle of Lot 17 in Concession I of the former Township of Albion;

Thence southwesterly to and along the northwest boundary of the former Township of Chinguacousy to the northwest prolongation of the northeast limit of Lot 34 in Concession III East of Hurontario Street of the Township of Chinguacousy;

Thence southeasterly to and along the northeast limit of the said Lot 34 to its easterly angle;

Thence southwesterly along the southeast limit of Lot 34 to its southerly angle;

Thence southeasterly along the southwesterly limit of Lot 33 in Concession III East of Hurontario Street to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 33 in Concession II East of Hurontario Street to its southerly angle;

Thence southeasterly to and along the southwest limit of lots 32 and 31 in Concession II East of Hurontario Street to the southerly angle of Lot 31;

Thence southwesterly to and along the southeast limit of Lot 31 in Concession I east of Hurontario Street to its southerly angle;

Thence southeasterly along the southwest limit of Lot 30 in Concession I East of Hurontario Street to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 30 in Concession I West of Hurontario Street of the Township of Chinguacousy to its southerly angle;

Thence southeasterly along the southwest limit of Lot 29 and Lot 28 in Concession I West of Hurontario Street to the southerly angle of Lot 28;

Thence southwesterly to and along the southeast limit of Lot 28 in Concession II West of Hurontario Street to its southerly angle;

Thence southeasterly to and along the southwest limit of Lot 27 in Concession II West of Hurontario Street to its southerly angle;

Thence westerly to and along the southeast limit of Lot 27 in Concession III West of Hurontario Street to its southerly angle;

Thence southeasterly along the southwest limit of Lot 26 in Concession III West of Hurontario Street to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 26 in Concession IV west of Hurontario Street of the Township of Chinguacousy to its southerly angle;

Thence southeasterly along the southwest limit of Lot 25 in Concession IV West of Hurontario Street to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 25 in Concession V West of Hurontario Street to its southerly angle;

Thence southeasterly along the southwest limit of Lot 24 in Concession V West of Hurontario Street to its southerly angle;

Thence southwesterly to and along the southeast limit of Lot 24 in Concession VI West of Hurontario Street and its prolongation to the boundary of the Town of Caledon.

Thence northwesterly along the southwest boundary of the Town of Caledon to the point of beginning.

45. In the Township of Adjala in the County of Simcoe described as follows:

Beginning at the southwest angle of the Township of Adjala;

Thence northerly along the west boundary of the Township of Adjala to the westerly prolongation of the north limit of Lot 28 in Concession I of the Township of Adjala;

Thence easterly to and along the north limit of Lot 28 to the east limit of Concession I;

Thence southerly along the east limit of Concession I to the southeast angle of Lot 25 in Concession I;

Thence easterly to and along the north limit of Lot 24 in Concession II to the east limit of Concession II of the Township of Adjala;

Thence southerly along the east limit of Concession II to the southeast angle of Lot 4;

Thence easterly to and along the north limit of Lot 3 in Concession III to its northeast angle;

Thence southerly along the east limit of lots 3, 2 and 1, respectively, in Concession III and its prolongation to the south boundary of the Township of Adjala;

Thence westerly along the south boundary of the Township of Adjala to the place of beginning.

46. All of the Village of Creemore in the County of Simcoe.

47. In the Township of Nottawasaga in the County of Simcoe described as follows:

Beginning at the southwest angle of the Township of Nottawasaga;

Thence northerly along the west boundary of the Township of Nottawasaga to an angle in the Town of Collingwood;

Thence easterly and southerly following the boundaries between the Town of Collingwood and the Township of Nottawasaga to the northwest angle of Lot 42 in Concession X of the Township of Nottawasaga;

Thence southerly along the west limit of Concession X to the northwest angle of Lot 32 in Concession X;

Thence easterly along the north limit of Lot 32 to its northeast angle;

Thence southerly along the west limit of lots 32 and 31 in Concession IX to the southwest angle of Lot 31;

Thence easterly along the south limit of Lot 31 in Concession IX to its southeast angle;

Thence southerly along the east limit of Concession IX to the southeast angle of Lot 26;

Thence easterly to and along the north limit of Lot 25 in Concession VIII to its northeast angle;

Thence southerly along the east limit of lots 25, 24 and 23, respectively, to the southeast angle of Lot 23 in Concession VIII of the Township of Nottawasaga;

Thence easterly along the north limit of Lot 22 in Concession VII to its northeast angle;

Thence southerly along the east limit of Lot 22 to its southeast angle;

Thence easterly to and along the south limit of Lot 22 in Concession VI to its southeast angle;

Thence southerly to and along the east limit of Lot 21 in Concession VI to its southeast angle;

Thence easterly along the north limit of Lot 20 in Concession V to its northeast angle;

Thence southerly along the east limit of Lot 20 to its southeast angle;

Thence easterly to and along the north limit of Lot 19 in Concession IV to its northeast angle;

Thence southerly along the east limit of Lot 19 and Lot 18 in Concession IV to the southeast angle of Lot 18;

Thence easterly along the north limit of Lot 17 in Concession III to the east limit of Concession III;

Thence southerly along the east limit of Concession III to the south boundary of the Township of Nottawasaga;

Thence westerly along the south boundary of the Township of Nottawasaga to the place of beginning. O. Reg. 118/74, Sched.; O. Reg. 383/75, ss. 1-5.



## REGULATION 685

under the Niagara Escarpment Planning and Development Act

### DEVELOPMENT WITHIN THE DEVELOPMENT CONTROL AREA

#### INTERPRETATION

#### 1. In this Regulation,

(a) "accessory" when used to describe a building or structure, means a use, building or structure normally incidental or subordinate to the principal building or structure located on a lot;

(b) "dwelling" means a building or part thereof, designed for use by one family and which has for the exclusive use of the family,

(i) one or more habitable rooms,

(ii) separate kitchen facilities,

(iii) separate sanitary facilities, and

(iv) a private entrance from outside the building or from a common area within the building,

but does not include a mobile home;

(c) "family" means,

(i) a person,

(ii) two or more persons interrelated by bonds of consanguinity, legal adoption or marriage, or

(iii) not more than five persons not so interrelated, living as a housekeeping unit in one dwelling;

(d) "front yard" means a yard extending across the full width of a lot on which a building or structure is situate, and extending from the front lot line to the part of the building or structure that is nearest to the front lot line;

(e) "general agricultural development" means a class of development whereby land, buildings or structures are used for the purpose of forestry, field crops, fruit farming, market gardening, dairying, animal husbandry, poultry raising, beekeeping, the operation of glass or plastic covered greenhouses, and such uses as are

customarily and normally related to agriculture, but does not include special agricultural development;

(f) "lot" means a parcel of land,

(i) described in a deed or other document legally capable of conveying an interest in land, or

(ii) shown as a lot or block on a registered plan of subdivision;

(g) "lot area" means the horizontal area within the boundary lines of a lot;

(h) "mobile home" means a vehicle that is,

(i) designed to be pulled or propelled by a motor vehicle, and

(ii) used for human habitation;

(i) "rear yard" means a yard extended across the full width of a lot upon which a building or structure is situate and from the rear lot line to the part of the building or structure that is nearest to the rear lot line;

(j) "road" means a highway that is,

(i) under the jurisdiction of the Province of Ontario or a municipality, or

(ii) a road within a registered plan of subdivision;

(k) "side yard" means a yard extending from the front yard to the rear yard of a lot upon which a building or structure is situate and from the side lot line to the part of the building or structure that is nearest to the side lot line;

(l) "single-family" when used to describe a dwelling means a separate building containing only one dwelling unit;

(m) "special agricultural development" means a class of development whereby land, buildings or structures are used for the purpose of intensive livestock, poultry, cattle or other farm operations and includes use as a piggery, a turkey, a game bird

or chicken farm or hatchery, a fur farm, a mushroom farm, an animal kennel and a feed lot area or manure storage area;

(n) "structure" does not include a fence; and

(o) "yard" means the area on a lot unoccupied by a building or structure. O. Reg. 453/75, s. 1; O. Reg. 778/75, s. 1.

2. This Regulation applies to the areas of land within the Niagara Escarpment Planning Area that is designated under Regulation 683 of Revised Regulations of Ontario, 1980 as an area of development control. O. Reg. 453/75, s. 2, *revised*.

3. The restricted area by-laws and the minister's orders made under section 35 of the *Planning Act*, or any part thereof, set out in Schedule 1 continue to have no effect in the area of development control. O. Reg. 453/75, s. 3, *revised*.

4. An application for a development permit shall be in Form 1. O. Reg. 453/75, s. 4.

5. The following classes of development are exempt from the requirement of obtaining a development permit:

1. The construction of any building or structure for which a building permit was issued by a municipality prior to the 10th day of June, 1975.
2. The repair or reconstruction of a building or structure damaged or destroyed after the coming into force of this Regulation by causes beyond the control of the owner, provided that where such a building or structure is reconstructed, it is located on the same site as the former building or structure.
3. The maintenance, improvement or other alteration of the interior of a building or structure.
4. The maintenance or renewal of municipal roads.
5. The construction, erection, installation, maintenance or renewal, as the case may be, of lanes, sidewalks, curbs, gutters, street signs and street lights on municipal roads.
6. The maintenance or renewal of sewers, mains, pipes, cables or other apparatus connected with public utilities, including the breaking open of any street or other land for that purpose.
7. Subject to paragraph 8 general agricultural development or any other cultivation of the soil.

8. The construction of any building or structure accessory to general agricultural development, other than a dwelling, where the following conditions exist on the completion of the development:

Minimum lot area                      50 acres

Lot fronts on a road

Minimum distance of  
any building or structure  
from the centre  
line of a Provincial  
highway or municipal  
road                                      300 feet

9. Extensions of single-family dwellings where the following conditions exist on the completion of the extension:

Minimum side yard                      15 feet

Minimum rear yard                      25 feet

No part of the extension projects beyond the original front wall of the dwelling

The height of the extension does not exceed the height of the original dwelling

The space of the extension, as ascertained by external measurement, does not exceed 1,000 square feet

10. Extensions of buildings or structures accessory to single-family dwellings where the following conditions exist on the completion of the extension:

No accessory building or structure or any part thereof lies between the front lot line and the wall of the dwelling nearest to it and, in the case of a corner lot, there shall be deemed to be two front lot lines

No accessory building or structure or any part thereof is less than three feet from any side or rear lot line

The total area covered by all accessory buildings and structures does not exceed 5 per cent of the lot area, or 600 square feet, whichever is the lesser

No accessory building or structure exceeds a height of fifteen feet.

11. The construction of buildings or structures accessory to single-family dwellings, where the following conditions exist on the completion of the construction:

No accessory building or structure or any part thereof lies between the front lot line and the wall of the dwelling nearest to it. For the purposes of this paragraph, a corner lot shall be deemed to be two front lot lines

No accessory building or structure or any part thereof is less than three feet from any side or rear lot line

The total area covered by all accessory buildings or structures does not exceed the lesser of 5 per cent of the lot area, or 600 square feet

No accessory building or structure exceeds a height of fifteen feet.

12. The planting and cultivation of trees or nursery stock.

13. The cutting or other destruction, removal or pruning of trees carried out under the provisions of the *Crown Timber Act*, the *Forestry Act*, the *Trees Act*, the *Woodlands Improvement Act*, the *Conservation Authorities Act* and the *Municipal Act*; or in accordance with programs recommended by the forestry staff of the Ministry of Natural Resources and, in the case of all other trees, the cutting or other destruction, removal or pruning up to 10 per cent of the trees existing on the 10th day of June, 1975.

14. The maintenance, repair or replacement of a septic tank system.

15. The digging of a well for use as a water supply source for a single-family dwelling.

16. The construction of a privately-owned outdoor swimming pool where the following conditions exist on the completion of the development:

i. The water area of the swimming pool is a minimum of nine feet from any lot line,

ii. The maximum total water area of the swimming pool is 800 square feet.

17. The maintenance of lands, buildings and structures under the jurisdiction of a conservation authority and the establishment of trails by a conservation authority on lands owned by a conservation authority.

18. Until the 31st day of December, 1981, the construction of buildings and structures and the carrying out of works by the Hamilton Region Conservation Authority on lands owned by the Hamilton Region Conservation Authority in conformity with the Dundas Valley Master Development Plan.

19. Electric power distribution lines, operating at a nominal voltage not exceeding fifty kilovolts, and,

i. buried underground, or

ii. carried on wooden poles not exceeding a height of 18.9 metres,

where such distribution lines are,

iii. located on or immediately adjacent to public road allowances, or

iv. located on easements for such distribution lines contained in a registered plan of subdivision. O. Reg. 453/75, s. 5; O. Reg. 778/75, ss. 2, 3; O. Reg. 233/76, s. 1; O. Reg. 325/76, s. 1; O. Reg. 43/78, s. 1.

**Schedule 1**

BY-LAW OR REGULATION NUMBER	MUNICIPALITY
County of Dufferin	
1. By-law 67-50	County of Dufferin
2. By-law 659	Township of Mono
3. Ontario Regulation 233/74	Township of Mono
County of Grey	
4. By-law 2078	County of Grey
5. By-law 2092	County of Grey
6. By-law 17	Township of Derby
7. By-law 1400	City of Owen Sound
8. Ontario Regulation 292/74	Township of Sarawak
County of Simcoe	
9. Regulation 675 of Revised Regulations of Ontario, 1970	Township of Nottawasaga
Regional Municipality of Halton	
10. By-law 947	The County of Halton, now The Regional Municipality of Halton
11. By-law 1642	Former Town of Burlington, now in the City of Burlington and the Town of Milton
12. By-law 4000-3	Former Town of Burlington, now in the City of Burlington
13. By-law 29-69	Former Township of Esquesing, now in the Town of Halton Hills
14. By-law 11-67	Former Township of Nassagaweya, now in the Town of Milton
15. By-law 11-69	Former Township of Nassagaweya, now in the Town of Milton
16. By-law 1965-136	Former Town of Oakville, now in the Town of Milton
17. Ontario Regulation 297/74	Former Township of East Flamborough, now in the Township of Flamborough
Regional Municipality of Hamilton-Wentworth	
18. By-law 1890	Former Township of Ancaster, now in the towns of Ancaster and Dundas
19. By-law 1964	Former Town of Dundas, now in the Town of Dundas
20. By-law 72-22	Former Township of Beverly, now in the Township of Flamborough

BY-LAW OR REGULATION NUMBER	MUNICIPALITY
21. By-law 1329	Former Township of East Flamborough, now in the Township of Flamborough
22. By-law 1341	Former Township of East Flamborough, now in the Township of Flamborough
23. By-law 791	Former Village of Waterdown, now in the Township of Flamborough
24. By-law 2287	Former Township of West Flamborough, now in the Town of Dundas and the Township of Flamborough
25. By-law 6593	City of Hamilton
26. By-law 2175	Former Township of Saltfleet, now in the Town of Stoney Creek
27. By-law 2347	Former Township of Saltfleet, now in the Town of Stoney Creek
28. By-law 2505	Former Township of Saltfleet, now in the Town of Stoney Creek
Regional Municipality of Niagara	
29. By-law 1050	Former Township of North Grimsby, now in the Town of Grimsby
30. By-law 71-74	Town of Grimsby
31. By-law 1069	Former Township of Clinton, now in the Town of Lincoln
32. By-law 2530-60	Former Township of Stamford, now in the City of Niagara Falls
33. By-law 2350-59	Former Township of Stamford, now in the City of Niagara Falls
33a. By-law 500A-74	Town of Niagara-on-the-Lake
34. By-law 62-86	City of St. Catharines
35. By-law 6609	City of St. Catharines
36. By-law 64-270	City of St. Catharines
37. By-law 70-27	City of St. Catharines
38. By-law 2436	Former Town of Thorold, now in the City of Thorold
39. By-law 442	Former Township of Thorold, now in the City of Thorold
39a. By-law NT-238-73	City of Thorold
Regional Municipality of Peel	
40. By-law 861	Former Township of Chinguacousy, now in the City of Brampton and the Town of Caledon
41. By-law 1096	Former Township of Albion, now in the Town of Caledon
42. By-law 840	Former Township of Albion, now in the Town of Caledon
43. By-law 1330	Former Township of Caledon, now in the Town of Caledon

Form 1

Niagara Escarpment Planning and Development Act

APPLICATION FOR A DEVELOPMENT PERMIT

PLEASE TYPE OR PRINT IN INK AND SEND TO  
THE NIAGARA ESCARPMENT COMMISSION AT THE OFFICE ASSIGNED  
TO SERVE YOUR COUNTY OR REGION:

Regional Municipality of Hamilton-Wentworth	County of Dufferin	County of Bruce
Regional Municipality of Niagara	Regional Municipality of Halton	County of Simcoe
	Regional Municipality of Peel	County of Grey
166 Main Street West Grimsby, L3M 1P4 Telephone (416) 945-9235	232 Guelph Street Georgetown, L7G 4B1 Telephone (416) 877-5191	P.O. Box 9 Clarksburg, N0H 1J0 Telephone (416) 599-3340

ONE APPLICATION FORM MAY RELATE TO MORE THAN ONE SITE, (AS ON A PLAN OF  
SUBDIVISION)

IF YOU WOULD LIKE MORE INFORMATION OR ASSISTANCE IN COMPLETING THIS  
APPLICATION FORM PLEASE CONTACT YOUR LOCAL COMMISSION OFFICE.

When completing this Application for a Development Permit, please ensure that all the specifications of  
the proposed development are accurate. Otherwise, if the Niagara Escarpment Commission approves  
of your Application as submitted without varying the specifications contained within, the proposed  
development will then have to take place in accordance with the specifications disclosed in this Application.

.....

1. APPLICANT

Name:.....  
Address:.....  
.....Postal Code.....Telephone Number.....

2. AGENT (IF ANY) TO WHOM CORRESPONDENCE SHOULD BE SENT

Name:.....  
Address:.....  
.....Postal Code.....Telephone Number.....

3. OWNERSHIP

The lot to which this application relates is a separate lot ☐ Yes ☐ No

If a separate lot, when was it created?.....

Is the lot owned by the applicant? ☐ Yes ☐ No

from what date? .....

If the lot is not owned by the applicant, who is the owner?

.....

from what date? .....

Is the subject of this application the subject of a current application for consent to sever now before

- ☐ Land Division Committee
- ☐ Committee of Adjustment
- ☐ Ontario Municipal Board

4. LOCATION

Address: .....

Municipality: ..... Township Lot ..... Concession .....

Also, if applicable                      Lot ..... Plan No. ....

Please attach a location map.

5. PROPOSED DEVELOPMENT

	existing	proposed		existing	proposed
Residential	<input type="checkbox"/>	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>	Institutional	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>	Other (specify) .....		
If residential, give number of dwelling units		single-family detached semi-detached	duplex row or town house apartment		

6. CONSTRUCTION DETAILS

New building    ☐                      Addition    ☐                      Alteration    ☐                      Demolition    ☐

Ground floor area .....square feet                      Number of storeys .....

Total floor area .....square feet

Maximum height above ground .....

Roof type:                      Peaked    ☐                      Flat    ☐                      Other (specify) .....

Exterior wall finishes:

Brick    ☐                      Wood    ☐                      Aluminum    ☐                      Other (specify) .....

Exterior roof finishes:

Asphalt shingle    ☐                      Other (specify) .....

7. SERVICING

	Municipal	Private
Water supply	<input type="checkbox"/>	<input type="checkbox"/>
Sewage disposal	<input type="checkbox"/>	<input type="checkbox"/>
Frontage on a road	<input type="checkbox"/>	<input type="checkbox"/>

8. SITE PLAN

Please attach a site plan drawn to scale or labelled with dimensions and showing:

Site boundaries, existing and proposed buildings, roads and driveways, any trees to be removed or planted, any servicing facilities (well, tile bed, hydro, telephone, gas, etc.).

9. USE THE SPACE BELOW TO PROVIDE OTHER INFORMATION YOU WISH TO SUBMIT IN SUPPORT OF APPLICATION. ATTACH A SEPARATE SHEET, IF NECESSARY.

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If the proposed use is in a sensitive part of the Area of Development Control, the Commission may ask you to supply additional information.

.....

I CERTIFY THAT THIS STATEMENT IS TRUE AND CORRECT

Dated at .....

this.....day of

....., 19....

.....

(signature of owner)  
and

.....  
(signature of applicant if different from owner)

## REGULATION 686

### under the Niagara Parks Act

#### GENERAL

#### INTERPRETATION

#### 1. In this Regulation,

(a) "officer" means a constable and any employee appointed by the Commission to enforce this Regulation;

(b) "sight-seeing vehicle" means a vehicle used for the transportation of persons for compensation and such vehicles are classified as follows:

1. Class 1—a horse-drawn vehicle designed to carry one to eight passengers.

2. Class 2—a motor vehicle designed to carry one to six passengers, hired for one specific sight-seeing trip exclusively for one person or one group of persons.

3. Class 3—a motor vehicle designed to carry one to sixteen passengers, operating on a specific sight-seeing trip and available to any passenger paying a set fee for the trip.

4. Class 4—a motor vehicle operating on a regular schedule approved by the Commission having a seating capacity for seventeen or more passengers, exclusive of a vehicle that is towed by a power unit.

5. Class 5—a motor vehicle having a seating capacity for seventeen or more passengers and not operating on a regular schedule;

(c) "swimming area" means an area designated by the Commission for swimming and bathing and includes lands and beaches designated as forming part of such area. R.R.O. 1970, Reg. 619, s. 1.

#### CONDUCT OF PERSONS USING PARKS

2.—(1) No person shall, within the Parks,

(a) remove or damage any plant, shrub or flower;

(b) climb, remove or damage any tree or fence;

(c) climb, remove or damage any bench, seat, monument or sign;

(d) climb, deface or damage any bridge, wall or similar structure;

(e) deface or damage any building; or

(f) deface or damage any other property of the Commission.

(2) No person shall throw or dump, or cause to be thrown or dumped, any material or litter within the Parks.

(3) No person shall permit a horse, dog or other animal to be at large in the Parks.

(4) No person shall ride a horse, within the Parks, except with the permission of an officer.

(5) No person shall, within the Parks,

(a) swim or bathe except in a swimming area;

(b) take into or use in a swimming area any life-raft, inner-tube or any other object intended to support a person;

(c) take in or use any boat, surf-board, water skis or diving equipment in a swimming area;

(d) take into or possess any glass bottle, metal can or container within a swimming area; or

(e) take in or permit any cat, dog or other animal to be within a swimming area.

(6) No person shall, within the Parks,

(a) possess an air-gun, fire-arm, gas-operated or spring-operated gun, archery equipment or catapult; or

(b) fire or discharge any torpedo, rocket or other fire-works,

without the permission of an officer.

(7) Except with the permission and under the supervision of an officer, no person shall build or light a fire within the Parks in places other than in fire-places provided by the Commission, or in portable stoves or barbecues used in picnic or parking areas designated by the Commission.

(8) No person shall go on foot or otherwise upon the grass, lawn or turf in the Parks where a sign of prohibition is posted. R.R.O. 1970, Reg. 619, s. 2 (1-8).

(9) Subject to subsection (10), no person shall, within the Parks,

- (a) use abusive or insulting language, or conduct himself in the Parks in a manner that unnecessarily interferes with the use and enjoyment of the Parks by other persons;
- (b) throw stones or other missiles;
- (c) solicit patronage to or for any person, business rooming house, restaurant or hotel;
- (d) beg, solicit or invite subscriptions or contributions;
- (e) sell or offer for sale any article, thing or service unless authorized in writing by the Commission;
- (f) offer to any person or place on or in any vehicle, any piece of literature, brochure, handbill, advertisement or other written material;
- (g) loiter anywhere from midnight to sunrise;
- (h) park a vehicle except in an area designated by the Commission for parking;
- (i) park a vehicle in a parking area designated by the Commission during hours other than those posted in the designated area;
- (j) park a vehicle between midnight and 6 a.m. in a place other than a camp-site designated by the Commission;
- (k) hunt or shoot any game bird as defined in the *Game and Fish Act*, except in such areas and at such times as the Commission may in writing permit and as may be authorized under the *Game and Fish Act* and the regulations thereunder or under the *Migratory Birds Convention Act* (Canada) and the regulations thereunder;
- (l) subject to clause (k), hunt, trap or molest any bird or animal;
- (m) damage or destroy any notice posted; or

(n) camp in an area other than in designated camp-sites unless permission is granted by the Commission. O. Reg. 127/73, s. 1, *part*; O. Reg. 672/74, s. 1.

(10) Clause (9) (f) does not apply to an officer.

(11) Where an officer believes on reasonable and probable grounds that a person has contravened subsection (9), he may remove the person from the Parks and the Commission may cancel any permits of the person pertaining to the Parks in which the contravention occurred.

(12) Where a permit is cancelled in accordance with subsection (11), the permittee is not entitled to fee, toll or admission charge.

(13) No person who has been removed from the Parks under subsection (11) shall within the following seventy-two hour period enter or attempt to enter the Parks from which that person was removed without permission of the Commission. O. Reg. 127/73, s. 1, *part*.

#### PICNICS AND GAMES

3.—(1) The Commission may designate the place and time at which picnics may be held in the Parks.

(2) The Commission may designate the place and time of any athletic game or other form of recreation or amusement proposed to be held in the Parks. R.R.O. 1970, Reg. 619, s. 3.

#### PERMISSIONS

4. Except at a boat launching ramp provided by the Commission, no person shall place or permit to be placed any power-boat, row-boat, sail-boat, canoe, punt, ice-boat, raft, hydroplane or watercraft of any kind upon any portion of the talus or foreshore of the Niagara River that is under the jurisdiction of the Commission. R.R.O. 1970, Reg. 619, s. 4.

5. No person shall make an ascent in a balloon, aeroplane or other kind of aircraft from the Parks, or land thereon from a balloon, parachute, aeroplane or other kind of aircraft, without written permission from the Commission. R.R.O. 1970, Reg. 619, s. 5.

6. No person shall, within the Parks,

- (a) play any instrument;
- (b) carry or display any flag or other emblem;
- (c) in military formation or in a band or procession, parade, march, drill or perform any evolution, movement or ceremony;

- (d) perform any other act that congregates or is likely to congregate persons; or
- (e) perform or attempt to perform any stunt or feat,

without the written permission of the Commission. R.R.O. 1970, Reg. 619, s. 6; O. Reg. 407/77, s. 1.

7. No person shall make any excavation in the Parks for any purpose without the written permission of the Commission. R.R.O. 1970, Reg. 619, s. 7.

8. No person shall move, within the Parks, any building, machine or structure that may interfere with the use of roadways, without the written permission of the Commission. R.R.O. 1970, Reg. 619, s. 8.

9. The number of persons authorized to occupy a camp-site within the Parks shall not exceed six persons unless such persons comprise a single family group of parents and their children. O. Reg. 797/80, s. 1.

#### ADVERTISING PROHIBITED

10. No person shall erect, post up or otherwise display any notice, sign, signboard or other advertising device without a sign permit from the Commission, within ninety metres,

- (a) from the westerly boundary of the Parks between the northerly limit of Bowen Road, in the Town of Fort Erie, and the southerly limit of Main Street in the City of Niagara Falls (formerly in the Village of Chippawa);
- (b) from the westerly boundary of the Parks between that part of the Niagara Regional Road No. 81 and the northerly limit of John Street in the Town of Niagara-on-the-Lake; and
- (c) from the easterly boundary of the Parks between that part of the Niagara Regional Road No. 81 and the northerly limit of John Street in the Town of Niagara-on-the-Lake. O. Reg. 34/78, s. 1.

#### GUIDE LICENCES

11.—(1) No person shall guide visitors through the Parks for compensation without a guide licence from the Commission.

(2) No person shall operate or permit the operation of a sight-seeing vehicle, other than a sight-seeing vehicle, Class 5, unless the operator thereof is the holder of a guide licence issued by the Commission.

(3) A guide licence may be issued upon completion by the applicant in a satisfactory manner of a sight-seeing information examination set by the

Commission, and upon filing proof that within the two years immediately preceding his application he has not been convicted of any offence punishable by imprisonment for two years or more and has not previously contravened any of the provisions of any regulation passed under the Act. R.R.O. 1970, Reg. 619, s. 10.

#### SIGHT-SEEING VEHICLE LICENCES

12.—(1) No person shall operate or permit to be operated within the Parks any sight-seeing vehicle without a sight-seeing vehicle licence from the Commission.

(2) Each sight-seeing vehicle licence, other than for a Class 5 sight-seeing vehicle, expires with the 31st day of December of the year in which it is issued.

(3) No sight-seeing vehicle licence is transferable by the licensee to any other person or to any other sight-seeing vehicle without the written consent of the Commission.

(4) No sight-seeing vehicle licence shall be granted to any person for a sight-seeing vehicle of Class 2, Class 3 or Class 4 until there is filed with the Commission a list of the routes of trips and stops thereon, which shall be subject to the approval of the Commission.

(5) An applicant for a sight-seeing vehicle licence, other than for a Class 5 vehicle, shall, with his application, file with the Commission the tariff of rates and charges to be payable by passengers using the sight-seeing vehicle, which shall be subject to the approval of the Commission.

(6) There shall be clearly displayed in each sight-seeing vehicle for which a licence has been granted, particulars of the licence held from the Commission and a copy of the tariff of rates and charges payable by passengers using the vehicle. R.R.O. 1970, Reg. 619, s. 11.

#### TRAFFIC RULES

13.—(1) Except as otherwise provided in this Regulation, no person shall,

- (a) park a vehicle within fifteen metres of a bridge, or in a place that prevents or is likely to prevent the convenient movement of other vehicles, or in any prohibited area;
- (b) park a vehicle for a longer period than,
  - (i) one hour in any area in which the Commission has designated by the erection of signs a maximum period of parking of one hour;

(ii) two hours in any area in which the Commission has designated by the erection of signs a maximum period of parking of two hours; or

(c) park a sight-seeing vehicle in a place other than an area designated by the Commission for the parking of the particular class of sight-seeing vehicle. R.R.O. 1970, Reg. 619, s. 12 (1); O. Reg. 34/78, s. 2 (1); O. Reg. 241/79, s. 1.

(2) Where a vehicle is parked or left in contravention of subsection (1) or clauses 2 (9) (h), (i) or (j) or of subsection (8) of this section an officer may cause the vehicle to be moved or taken to or placed or stored in a suitable place. O. Reg. 782/76, s. 1.

(3) No person shall drive a motor vehicle at a greater rate of speed than,

(a) 40 kilometres an hour on any highway, road, boulevard or parkway of the Commission within the limits of Queen Victoria Park and Queenston Heights Park;

(b) 50 kilometres an hour on part of Lakeshore Road and part of the Niagara Parkway in the Town of Fort Erie and being from a point in the westerly limit of Lakeshore Road where it is intersected by the southerly limit of Lot 6 on the westerly side of Lakeshore Road according to Plan 328, now known as Plan 992, and extending northerly along Lakeshore Road and the Niagara Parkway to the intersection of the Niagara Parkway with the northerly limit of Central Avenue;

(c) 50 kilometres an hour on the following sections of the Niagara Parkway,

(i) from the intersection thereof with the southwesterly limit of Main Street in the former Village of Chippawa, now in the City of Niagara Falls, to a point distant 800 metres measured southerly therefrom,

(ii) from a point thereon distant 75 metres north of its intersection with the northerly limit of Mechanic Street in the former Village of Chippawa, now in the City of Niagara Falls, to a point distant 800 metres measured northerly therefrom,

(iii) from the intersection thereof with the southerly limit of Clifton Hill in the City of Niagara Falls northerly to the southerly limit of Victoria Avenue in the City of Niagara Falls,

(iv) from the intersection thereof with the southerly limit of Niagara Regional Road No. 81 northerly to the intersection thereof with the northerly limit of Queenston Street in the former Village of Queenston, now in the Town of Niagara-on-the-Lake,

(v) from the intersection thereof with the northerly limit of John Street in the Town of Niagara-on-the-Lake northerly to its intersection with the southwesterly limit of Byron Street in the Town of Niagara-on-the-Lake; or

(d) 60 kilometres an hour on any other highway, road, boulevard or parkway of the Commission. O. Reg. 34/78, s. 2 (2).

(4) No person shall drive a motor vehicle or ride a bicycle within the Parks except on the portions of highways of the Commission provided for vehicular traffic. R.R.O. 1970, Reg. 619, s. 12 (4).

(5) No person shall drive a motorized snow vehicle as defined in the *Motorized Snow Vehicles Act*, within the Parks,

(a) except in an area specifically designated for the purpose by the Commission;

(b) after 11 p.m. or before 7 a.m. on any day;

(c) unless he is wearing a helmet that complies with the regulations made under the *Motorized Snow Vehicles Act*;

(d) unless the owner of the motorized snow vehicle is insured under a motor vehicle liability policy with respect to the vehicle in accordance with the *Insurance Act*. O. Reg. 782/76, s. 2.

(6) Where proper signs have been erected indicating one-way traffic on any highway, no person shall drive a vehicle on the highway except in the direction indicated by the signs. R.R.O. 1970, Reg. 619, s. 12 (6).

(7) An officer may direct traffic and in cases of fire, accident, traffic congestion or other emergency may direct traffic into such channels as are necessary to prevent or relieve congestion.

(8) Every person shall obey any direction given under subsection (7).

(9) No person shall operate, drive or park within the Parks a public commercial vehicle as defined in the *Public Commercial Vehicles Act*. O. Reg. 672/74, s. 2, part.

(10) Subsection (9) does not apply to a public commercial vehicle when making deliveries within the Parks or to an owner or tenant of property abutting the Parks. R.R.O. 1970, Reg. 619, s. 12 (9).

#### CONTROLLED ACCESS HIGHWAYS

14.—(1) The operator of a vehicle shall bring the vehicle to a full stop immediately before crossing or entering the travelled portion of a highway designated as a controlled access highway under subsection (2).

(2) The parts of the highways of the Commission described in column 2 of the Schedule and known

by the names set opposite thereto in column 1 are designated as controlled access highways.

(3) Any highway of the Commission that intersects or enters a controlled access highway shall be marked with signs erected and maintained by the Commission that bear the word "stop".

(4) Any speed limit sign, stop sign or yield right of way sign erected by the Commission shall comply with the regulations under the *Highway Traffic Act* respecting the location, size, design and colour of such signs. R.R.O. 1970, Reg. 619, s. 13.

#### INSURANCE

15.—(1) No licence for a sight-seeing vehicle shall be issued unless the vehicle is insured under a livery service policy for loss or damage resulting from bodily injury to or the death of any person, including passengers, or from damage to property for an amount, exclusive of interest and costs equal to or greater than the minimum limits set out in the following schedule:

#### Schedule

Licence	Number of Passengers	MINIMUM LIMITS		
		Bodily Injury to or Death of:		Property Damage
		One Person	Two or More Persons	
1	1 — 8	\$100,000	\$300,000	\$50,000
2	1 — 6	100,000	300,000	50,000
3	1 — 9	100,000	300,000	50,000
3	10 — 16	100,000	500,000	50,000
4	17 or more	100,000	800,000	50,000

(2) The minimum limits set out in the Schedule apply notwithstanding the number of claims arising from any one accident.

(3) The owner of a sight-seeing vehicle shall deposit with the Commission, prior to the issuance of a licence for the vehicle, an original or certified copy of the policy of insurance or a certificate of insurance issued by the insurance company and countersigned by the agent.

(4) Every policy or certificate deposited with the Commission under subsection (3) shall contain an endorsement whereby the insurance company undertakes to notify the Commission by registered mail within fifteen days of making a decision to reduce the amount of insurance coverage or to cancel or refuse to renew the insurance policy. O. Reg. 366/78, s. 1.

#### GENERAL

16. Every sight-seeing vehicle for which a licence has been issued shall have painted on both sides thereof in a clearly visible position the name and address of the owner. R.R.O. 1970, Reg. 619, s. 15.

17. No person shall display any advertising sign or device on the outside of a sight-seeing vehicle without the written approval of the Commission. R.R.O. 1970, Reg. 619, s. 16.

18. No person shall operate a public address system, loud speaker or any device that amplifies sound from or in a sight-seeing vehicle other than a system or device limited to communication to the passengers in the sight-seeing vehicle. R.R.O. 1970, Reg. 619, s. 17.

19. No person shall permit a child of ten years of age or less to be within the Parks unless accompanied by an adult. R.R.O. 1970, Reg. 619, s. 18.

#### FEEs

20. The following fees shall be payable for licences:

1. Guide Licence . . . . . \$ 15.00
2. Sight-seeing vehicle Class 1 . . . 35.00
3. Sight-seeing vehicle Class 2 . . . 50.00

4. Sight-seeing vehicle Class 3...\$ 80.00
5. Sight-seeing vehicle Class 4...One-sixth  
of one cent  
per pas-  
senger seat  
kilometre
6. Commuter vehicle Class 4....One-twelfth  
of one cent  
per pas-  
senger seat  
kilometre
7. Sight-seeing vehicle Class 5,  
designated to carry less than  
seventeen passengers, when con-  
veying Canadian school and  
senior citizen groups .....\$2.00 upon  
each entry  
into the  
park
8. Sight-seeing vehicle Class 5,  
designated to carry seventeen or  
more passengers, when conveying  
Canadian school and senior citi-  
zen groups .....\$3.00 upon  
each entry  
into the  
park
9. Sight-seeing vehicle Class 5,  
designated to carry less than  
seventeen passengers, when con-  
veying other than Canadian  
school or senior citizen groups .\$.3.00 upon  
each entry  
into the  
park

10. Sight-seeing vehicle Class 5,  
designated to carry seventeen or  
more passengers, when conveying  
other than Canadian school or  
senior citizen groups .....\$5.00 upon  
each entry  
into the  
park

O. Reg. 366/78, s. 2, *part*; O. Reg. 241/79, s. 2.

21. The fee payable for a licence for a sight-seeing vehicle, other than a Class 4 vehicle, shall be payable with the application therefor and the fee payable for a licence for a sight-seeing or commuter vehicle, Class 4, shall be remitted by the holder thereof to the Commission in respect of each month's operation on or before the 15th day of the month next following. O. Reg. 366/78, s. 3.

22. Fees, tolls and admissions for enjoyment of facilities of the Parks may be charged by the Commission as posted or published from time to time. R.R.O. 1970, Reg. 619, s. 21.

#### PENALTIES

23. The Commission may at any time cancel any licence or permit issued under this Regulation for a contravention of the Act or this Regulation or where any false statement has been made in the application for such licence or permit. R.R.O. 1970, Reg. 619, s. 22.

Schedule

ITEM	COLUMN 1	COLUMN 2	
	Name of Highway	Parts of Highways	
		From	To
1	Lake Shore Road	The production of the southerly limit of Lot 6, registered plan 328 Fort Erie	The southerly limit of Garrison Road in Fort Erie
2	Niagara Parkway	i. The southerly limit of Garrison Road in Fort Erie	The southerly limit of Queen Street in Fort Erie
		ii. The southerly limit of Bertie Street in Fort Erie	The southwesterly limit of Main Street in Chippawa
		iii. A distance of 75 metres northerly from Mechanic Street in the former Village of Chippawa	The northerly limit of Clifton Hill in Niagara Falls
		iv. The northerly limit of Bender Street in Niagara Falls	The southeasterly limit of Portage Road in Niagara Township at the entrance to Queenston Heights Park
		v. The intersection of the southwesterly limit of Niagara Parkway produced with Portage Road at the entrance to Queenston Heights Park	The southerly limit of Regional Road 81
		vi. The southerly limit of Regional Road 81	The intersection of the northerly limit of John Street in the Town of Niagara-on-the-Lake
		vii. The northerly limit of John Street in the Town of Niagara-on-the-Lake	The southeasterly limit of Ricardo Street in the Town of Niagara-on-the-Lake.

O. Reg. 143/71, 3; O. Reg. 127/73, s. 2; O. Reg. 672/74, s. 3; O. Reg. 34/78, s. 4; O. Reg. 241/79, s. 3.



REGULATION 687

under the Non-Resident Agricultural Land Interests Registration Act

GENERAL

1.—(1) The registration report required to be filed under subsection 2 (1) or (2) of the Act shall be in Form 1.

(2) The cancellation notice required to be filed under subsection 2 (3) of the Act shall be in Form 1. O. Reg. 902/80, s. 1.

2.—(1) For the purposes of the Act and this Regulation, an inspector may, during normal business hours, enter any premises, other than a dwelling, in which he believes on reasonable and probable grounds, there are books, records or documents relating to an interest held by a non-resident person in agricultural land in Ontario.

(2) For the purposes of the Act and this Regulation, an inspector may demand the furnishing by the owner

or custodian thereof of any books, records, documents or extracts therefrom, in a place referred to in subsection (1) relating to an interest held by a non-resident person in agricultural land.

(3) Where an inspector demands the furnishing of books, records, documents or extracts therefrom, the person having custody thereof shall furnish them to the inspector, and the inspector may detain them for the purpose of photocopying them, provided such photocopying is carried out with reasonable dispatch and the inspector shall forthwith thereafter return them to the person who furnished them.

(4) Where an inspector makes a demand under subsection (2), the demand shall be in writing and shall include a statement of the general nature of the investigation and, where practicable, the general nature of the books, records, documents or extracts required.

O. Reg. 902/80, s. 2.

Form 1

Non-resident Agricultural Land Interests Registration Act

REGISTRATION REPORT

OR

CANCELLATION REPORT

1. Registration Report of an existing interest ( )

OR

Registration Report of an acquisition of interest ( )

OR

Cancellation notice for termination of interest ( )

2.—i. Location of agricultural land:

..... Lot	..... Concession or Registered Plan No.	..... Township	..... County or Regional Municipality
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ii. Area of agricultural land: ..... ( ) acres

( ) hectares

3.—i. Name of individual or entity on whose behalf this form is filed: .....

ii. Address of individual or entity holding interest: .....

.....

iii. Where an entity other than an individual person holds the interest, the type of entity: .....

iv. Name of registered owner of the agricultural land where different from the name in subparagraph i: .....

v. If the entity is other than an individual, address of head office or the jurisdiction in which it was formed or organized: .....

4.—i. Type of interest held: .....

ii. How interest in agricultural land acquired:

Purchase ( )

Gift or Inheritance ( )

Foreclosure or Mortgage Sale ( )

Other (Specify) ( ) .....

iii. Date on which the interest in agricultural land was acquired or disposed of or conveyed away:

(day)

(month)

(year)

5.—i. If this registration report or cancellation notice is filed by an individual or entity other than that named in subparagraph i of paragraph 3, the name of the individual or entity filing the form is, .....

ii. The address of the individual or entity filing the form is, .....

iii. The relationship to the individual or entity named in subparagraph i of paragraph 3 is, .....

Dated at ..... this ..... day of .....

....., 19....

.....  
(Signature of person filing)

O. Reg. 902/80, Form 1.

## REGULATION 688

under the North Pickering Development Corporation Act

### NORTH PICKERING PLANNING AREA

1. The areas of land defined in Schedules 1, 2 and 3 are established as the North Pickering Planning Area. O. Reg. 526/76, s. 1.

#### Schedule 1

That parcel of land situate in the Borough of Scarborough in The Municipality of Metropolitan Toronto more particularly described as follows:

Premising that all bearings herein are astronomic and referred to the central meridian of Zone 10 of the Ontario Co-ordinate System, being 79° 30' west longitude;

Beginning at a place in the easterly limit of Lot 1 in Concession III distant 3,445.02 feet measured southerly along the said easterly limit from the northeasterly corner of the said Lot;

Thence northerly along the said easterly limit to the northeasterly corner of the said Lot;

Thence westerly along the southerly limit of the road allowance between concessions III and IV to a monument thereon measured 200 feet easterly along the said southerly limit from the northwesterly corner of Lot 2 in Concession III;

Thence south 18° 17' east 140 feet to a point;

Thence south 72° 44' 05" west to the westerly limit of the said Lot 2;

Thence northerly along the said westerly limit of the northwesterly corner of the said Lot;

Thence westerly along the southerly limit of the road allowance between concessions III and IV to the northwesterly corner of Lot 4 in Concession III;

Thence north 18° 23' 50" west to a monument in the northerly limit of the road allowance between concessions III and IV;

Thence westerly along the northerly limit of the said road allowance to the southeasterly corner of Lot 9 in Concession IV;

Thence northerly along the easterly limit of the said Lot 9 a distance of 334.04 feet to a point;

Thence north 47° 03' 30" west 282.47 feet to a monument;

Thence north 37° 32' west 197 feet to a monument;

Thence north 4° 54' 10" west 178.87 feet to a monument;

Thence south 75° 44' west 228.21 feet to a monument;

Thence south 39° 33' west 118.26 feet to a monument;

Thence south 70° 28' 20" west 92.77 feet to a monument;

Thence north 78° 28' 20" west 157.13 feet to a monument;

Thence south 20° 25' 30" west 137.12 feet to a monument;

Thence south 34° 12' 30" west 122.33 feet to a monument;

Thence south 61° 59' 10" west 167.92 feet to a monument;

Thence north 83° 01' west 207.28 feet to a monument;

Thence north 58° 23' 30" west 112.30 feet to the easterly limit of Lot 10 in Concession IV;

Thence south 61° 19' 40" west 160.67 feet to a monument;

Thence south 11° 31' 20" east 96.88 feet to a monument;

Thence south 23° 24' 10" west 83.31 feet to a monument;

Thence south 37° 07' 10" west 68.80 feet to a monument;

Thence south 46° 37' 10" west 96.65 feet to a monument;

Thence south 31° 38' west 51.79 feet to a monument;

Thence south 40° 44' 50" west 100.17 feet to a monument;

Thence south 75° 48' west 100.49 feet to a monument;

Thence north 81° 19' 30" west 118.56 feet to a monument;

Thence north 53° 08' 50" west 146.11 feet to a monument;

Thence north 69° 37' 20" west 96.62 feet to a monument;

Thence north 55° 32' west 175.65 feet to a monument;	Thence north 61° 59' 40" west 163.30 feet to a monument;
Thence north 46° 52' 40" west 102.08 feet to a monument;	Thence north 28° 21' 10" west 88.21 feet to a monument;
Thence north 55° 56' 40" west 75.99 feet to a monument;	Thence north 43° 25' west 77.30 feet to a monument;
Thence north 60° 09' 10" west 59.81 feet to a monument;	Thence north 53° 58' 30" west 64.22 feet to a monument;
Thence south 83° 01' 30" west 57.23 feet to a monument;	Thence north 77° 54' 30" west 74.96 feet to a monument;
Thence north 60° 38' 40" west 46.41 feet to a monument;	Thence south 66° 20' 40" west 145.31 feet to a monument;
Thence north 84° 21' west 42.75 feet to a monument;	Thence south 61° 59' 30" west 83.96 feet to a monument;
Thence north 36° 14' 50" west 100.44 feet to a monument;	Thence south 39° 14' 20" west 104.91 feet to a monument;
Thence south 53° 02' 20" west 65.79 feet to the westerly limit of the said Lot 10;	Thence south 58° 12' 30" west 73.88 feet to a monument;
Thence south 53° 02' 20" west 15.45 feet to a monument;	Thence south 67° 20' 30" west 59.22 feet to a monument;
Thence north 50° 03' 10" west 31.78 feet to a monument;	Thence south 29° 44' west 44.42 feet to a monument;
Thence north 40° 12' 10" east 36.82 feet to the westerly limit of the said Lot 10;	Thence south 86° 48' 50" west 115.63 feet to the westerly limit of the said Lot 11;
Thence north 40° 12' 10" east 69.66 feet to a monument;	Thence south 86° 48' 50" west 89.34 feet to a monument;
Thence north 79° 27' 30" west 67.72 feet to the westerly limit of the said Lot 10;	Thence north 66° 33' west 71.96 feet to a monument;
Thence north 79° 27' 30" west 6.83 feet to a monument;	Thence south 87° 16' 20" west 167.52 feet to a monument;
Thence north 54° 17' 30" west 101.94 feet to the easterly limit of Lot 11 in Concession IV;	Thence south 65° 11' 20" west 42.64 feet to a monument;
Thence north 54° 17' 30" west 33.07 feet to a monument;	Thence north 82° 56' 40" west 138.92 feet to a monument;
Thence north 46° 38' 50" west 122.71 feet to a monument;	Thence north 88° 22' west 194.07 feet to a monument;
Thence north 36° 45' 20" west 113.18 feet to a monument;	Thence north 59° 07' 20" west 119.21 feet to a monument;
Thence north 27° 52' 10" west 71.07 feet to a monument;	Thence north 45° 45' west 132.52 feet to a monument;
Thence north 29° 53' 50" west 49.07 feet to a monument;	Thence north 36° 30' 10" west 72.22 feet to a monument;
Thence north 52° 12' west 82.72 feet to a monument;	Thence north 23° 27' 10" west 143.34 feet to a monument;
Thence north 82° 14' 10" west 303.25 feet to a monument;	Thence north 0° 58' 40" east 133.09 feet to a monument;

Thence north 4° 44' 40" east 87.07 feet to a monument;

Thence north 19° 12' east 109.17 feet to a monument;

Thence north 6° 55' 50" east 93.75 feet to a point;

Thence north 73° 13' 30" east 637.60 feet to the westerly limit of the said Lot 11;

Thence northerly along the said westerly limit to the northwesterly corner of Lot 11 in Concession IV;

Thence north 12° 59' west 66.19 feet to the southwesterly corner of Lot 11 in Concession V;

Thence northerly along the westerly limit of the said Lot to the northwesterly corner of that Lot;

Thence westerly along the northerly limit of Lot 12 in Concession V 504.86 feet to a monument;

Thence north 9° 44' 50" west to the northerly boundary of the Borough of Scarborough;

Thence easterly along the said northerly boundary to the northeasterly corner of the said Borough;

Thence southerly along the easterly boundary of the said Borough to a line drawn on the course of north 46° 46' 30" east through the place of beginning;

Thence south 46° 46' 30" west 36.38 feet to the place of beginning. O. Reg. 526/76, Sched. 1.

### Schedule 2

That parcel of land situate in the Town of Markham in The Regional Municipality of York more particularly described as follows:

Premising that all bearings herein are astronomic and referred to the central meridian of Zone 10 of the Ontario Co-ordinate System being 79° 30' west longitude;

Beginning at the southwesterly corner of Lot 1 in Concession IX;

Thence northerly along the easterly limit of the road allowance between concessions VIII and IX to a monument distant 100 feet measured southerly along the said easterly limit from the northwesterly corner of Lot 4 in Concession IX;

Thence north 72° 40' 50" east 249.86 feet to a monument;

Thence north 10° 05' west 100 feet to the northerly limit of the said Lot 4;

Thence south 72° 39' 40" west along the northerly limit of the said Lot a distance of 40.38 feet to a monument;

Thence north 10° 02' 50" west 1,025.20 feet to a monument;

Thence north 72° 50' 20" east 780.31 feet to a monument;

Thence north 22° 25' west 71.28 feet to a monument;

Thence north 72° 50' 20" east 331.48 feet to a monument;

Thence north 21° 29' 40" west 229.68 feet to the northerly limit of Lot 5 in Concession IX;

Thence south 72° 50' 20" west along the said northerly limit 5.20 feet to a monument;

Thence north 22° 26' 20" west 66.28 feet to the southerly limit of Lot 6 in Concession IX;

Thence south 72° 50' 20" west along the said southerly limit 37.28 feet to the southeasterly corner of Lot 15 of Block E according to a Plan registered in the Land Registry Office for the Registry Division of Toronto Boroughs and York South (No. 64) as Number 19;

Thence north 10° 27' 10" west along the easterly limit of the said Lot 15 a distance of 165 feet to the northeasterly corner of that Lot;

Thence south 72° 50' 20" west along the northerly limit of the said Block E 562.21 feet to the northwesterly corner of Lot 8 of the said Block;

Thence south 10° 22' 40" east along the westerly limit of the said Lot a distance of 165 feet to the southwesterly corner of that Lot;

Thence south 72° 50' 20" west along the southerly limit of Lot 6 in Concession IX a distance of 16.62 feet to the southeasterly corner of Lot 7 of Block E;

Thence north 10° 22' 40" west along the easterly limit of the said Lot 7 a distance of 165 feet to the northeasterly corner of that Lot;

Thence south 72° 50' 20" west along the northerly limit of Block E 298 feet to the northwesterly corner of Lot 4 of the said Block;

Thence south 10° 22' 40" east along the westerly limit of the said Lot 4 a distance of 165 feet to the southwesterly corner of that Lot;

Thence south 72° 50' 20" west along the southerly limit of the said Lot 6 a distance of 33 feet to the southeasterly corner of Lot 3 of Block E;

Thence north 10° 22' 40" west along the easterly limit of the said Lot 3 a distance of 165 feet to the northeasterly corner of that Lot;

Thence south 72° 50' 20" west along the northerly limit of Block E to the easterly limit of Block D according to the said Registered Plan No. 19;

Thence north 10° 24' 40" west along the easterly limit of Block D 496.43 feet to a monument;

Thence north 10° 10' 40" west continuing along the said easterly limit 67.08 feet to the northeasterly corner of Lot 7 of Block D;

Thence south 71° 42' west along the northerly limit of the said Lot 7 a distance of 165.37 feet to the northwesterly corner of that Lot;

Thence north 10° 22' 40" west along the westerly limit of the said Lot 6 in Concession IX a distance of 33 feet to the southwesterly corner of Lot 8 of the said Block D;

Thence north 71° 42' east along the southerly limit of the said Lot 8 a distance of 165.38 feet to the southeasterly corner of that Lot;

Thence north 10° 24' 50" west along the easterly limit of Block D 330.40 feet to a monument;

Thence north 8° 52' 30" west continuing along the easterly limit of Block D 244.84 feet to the northeasterly corner of Lot 12 of the said Block D;

Thence south 72° 21' 30" west along the northerly limit of the said Lot 12 a distance of 171.38 feet to the northwesterly corner of that Lot;

Thence northerly along the easterly limit of the road allowance between concessions VIII and IX to a point distant 15 feet northerly from the southwesterly corner of Lot 12 in Concession IX;

Thence north 72° 05' 20" east 1,758 feet to a monument;

Thence north 10° 37' 40" west 1,260 feet to a monument;

Thence south 72° 08' 10" west 708.52 feet to a monument;

Thence south 72° 22' 10" west 823.03 feet to a monument;

Thence south 10° 38' 10" east 99.59 feet to a monument;

Thence south 71° 57' 10" west 226.56 feet to the easterly limit of the road allowance between concessions VIII and IX;

Thence northerly along the said easterly limit to the northwesterly corner of Lot 19 in Concession IX;

Thence easterly along the northerly limit of the said Lot 19 a distance of 3,421.09 feet to a line drawn

parallel to the easterly boundary of lots 18 and 19 in Concession IX and distant 3,300 feet measured westerly at right angles therefrom;

Thence southerly along the said parallel line 2,661.88 feet to the southerly limit of Lot 18 in Concession IX;

Thence easterly along the said southerly limit to the southeasterly corner of the said Lot 18;

Thence north 72° 21' 30" east 66.55 feet to the westerly limit of Lot 17 in Concession X;

Thence north 10° 15' 20" west along the said westerly limit 45 feet to the northwesterly corner of the said Lot 17;

Thence easterly along the northerly limit of the said Lot 17 a distance of 2,960.78 feet to a line drawn parallel to the easterly limit of the said Lot and distant 2,500 feet measured westerly at right angles therefrom;

Thence south 18° 52' 50" east along the said parallel line 1,292.45 feet to the southerly limit of the said Lot;

Thence easterly along the said southerly limit and the production thereof to the easterly limit of the Town of Markham;

Thence southerly along the easterly limit of the said Town to the southerly limit of that Town;

Thence westerly along the said southerly limit to a line drawn on the course of south 9° 44' 50" east through the place of beginning;

Thence north 9° 44' 50" west to the place of beginning. O. Reg. 526/76, Sched. 2.

### Schedule 3

That parcel of land situate in the Town of Pickering in The Regional Municipality of Durham more particularly described as follows:

Premising that all bearings herein are astronomic and referred to the central meridian of Zone 10 of the Ontario Co-ordinate System being 79° 30' west longitude;

Beginning at a place in the westerly limit of Lot 35 in Concession VI distant 2,610.78 feet measured south 18° 53' east along the said westerly limit from the northwesterly corner of the said Lot 35;

Thence south 18° 53' east along the said westerly limit 794.21 feet to a monument;

Thence north 73° 09' 30" east 964.93 feet to a monument;

Thence north 19° 38' 20" west 10 feet to a monument;

Thence north  $72^{\circ} 52' 30''$  east 746.26 feet to the easterly limit of the said Lot;

Thence north  $17^{\circ} 30'$  west along the said easterly limit 527.74 feet to a monument;

Thence north  $72^{\circ} 30'$  east 66 feet to the westerly limit of Lot 34 in Concession VI;

Thence south  $17^{\circ} 30'$  east along the said westerly limit 350.67 feet to a monument;

Thence north  $70^{\circ} 45' 40''$  east 1,333.18 feet to the dividing line between lots 33 and 34 in Concession VI;

Thence north  $79^{\circ} 28' 20''$  east 703.06 feet to a monument;

Thence north  $72^{\circ} 05'$  east 625 feet to the easterly limit of the said Lot 33;

Thence south  $17^{\circ} 55'$  east along the said easterly limit 64.72 feet to a monument;

Thence north  $71^{\circ} 58'$  east 66 feet to the westerly limit of Lot 32 in Concession VI;

Thence south  $17^{\circ} 55'$  east along the said westerly limit 1,500 feet to a line drawn parallel to the southerly limit of the said Lot distant 2,000 feet measured northerly at right angles therefrom;

Thence easterly along said parallel line to the easterly limit of the said Lot;

Thence easterly parallel to the southerly limit of Lot 31 in Concession VI to the westerly limit of Lot 30 in Concession VI;

Thence southerly along the said westerly limit to the northerly limit of that part of the King's Highway known as No. 7, as widened, and shown on a Plan deposited in the Land Registry Office for the Registry Division of Durham (No. 40) as Number 150;

Thence easterly following the northerly limit of the said part of the King's Highway as shown on the Plans deposited in the said Land Registry Office as Numbers 150, 216, 307 and 272 to the production northerly of the westerly limit of Lot 14 according to a Plan registered in the said Land Registry Office as Number 10;

Thence southerly and easterly to and along the westerly and southerly limits of the said Lot 14 to the westerly limit of Lot 12 according to a Plan registered in the said Land Registry Office as Number 530;

Thence southerly along the said westerly limit to the southwesterly corner of the said Lot 12;

Thence easterly along the southerly limits of lots

12, 11, 10, 9, 8 and 7 according to the said Plan to the southeasterly corner of the said Lot 7;

Thence northerly along the easterly limit of the said Lot to the northwesterly corner of a one-foot reserve according to the said Plan;

Thence easterly along the said northerly limit to the northeasterly corner of the said one-foot reserve;

Thence southerly along the easterly limit of the said one-foot reserve to the southwesterly corner of Lot 6 according to the said Plan;

Thence easterly along the southerly limit of the said Lot to the southwesterly corner of Lot 5 according to the said Plan Number 10;

Thence easterly, southerly and easterly following the limit of the said Plan to the southeasterly corner of Lot 7 according to the said Plan;

Thence northerly along the easterly limit of the said Lot to the westerly production of the southerly limit of Lot 58 according to the said Plan;

Thence easterly to and along the southerly limit of the said Lot to the southeasterly corner of that Lot;

Thence northerly and easterly following the easterly and southerly limits of the said Plan to the southeasterly corner of Lot 34 according to the said Plan;

Thence northerly following the easterly limit of the said Plan and its production northerly to the northerly limit of the said part of the King's Highway as shown on a Plan deposited in the said Land Registry Office as Number 288;

Thence easterly along the said northerly limit to the production northerly of the easterly limit of Lot 17 in Concession V;

Thence southerly to and along the said easterly limit and the production thereof to the northerly limit of Lot 17 in Concession IV;

Thence easterly along the said northerly limit 126.33 feet to a monument;

Thence south  $16^{\circ} 29' 40''$  east 203.01 feet to a monument;

Thence north  $72^{\circ} 59' 20''$  east 203.19 feet to the easterly limit of the said Lot 17;

Thence southerly along the said easterly limit to a point distant 4,433.41 feet measured southerly from the northeasterly corner of the said Lot 17;

Thence north  $60^{\circ} 57' 10''$  east 688.66 feet to a monument;

Thence north  $60^{\circ} 07' 40''$  east 755.95 feet to a monument;

Thence south 15° 59' 50" east 563.14 feet to a monument;

Thence south 15° 58' 30" east 397.03 feet to a monument;

Thence south 14° 57' east 101.47 feet to a monument;

Thence south 15° 24' 10" east 317.45 feet to a monument;

Thence south 18° 41' 20" east 126.30 feet to a monument;

Thence south 13° 32' 50" east 58 feet to a monument;

Thence south 15° 56' 20" east 350.79 feet to the northerly limit of the Canadian Pacific Railway right-of-way;

Thence westerly along the said northerly limit 1.48 feet to the easterly limit of Lot 16 in Concession IV;

Thence southerly along the said easterly limit 102.27 feet to the southerly limit of the Canadian Pacific Railway right-of-way;

Thence easterly along the said southerly limit 1.30 feet to a monument;

Thence south 16° 21' 50" east 614.59 feet to a monument;

Thence south 16° 06' 40" east 27.01 feet to the southeasterly corner of the said Lot 16;

Thence south 17° 56' 30" east 66 feet to the northerly limit of Lot 16 in Concession III;

Thence north 72° 00' 40" east along the said northerly limit 49.18 feet to the northeasterly corner of the said Lot 16;

Thence southerly along the said easterly limit 4,618.51 feet to a monument;

Thence south 50° 05' 40" west 4,201.07 feet to the southerly limit of Lot 18 in Concession III;

Thence south 45° 47' 20" west 148.12 feet to the northerly limit of Lot 18 in Concession II;

Thence south 30° 28' 40" west 74.58 feet to a monument;

Thence south 54° 21' 50" west 172.97 feet to a monument;

Thence south 50° 48' west 1,494.09 feet to a monument;

Thence south 50° 46' 30" west 411.04 feet to a monument;

Thence south 50° 05' 40" west 1,014.62 feet to the easterly limit of Lot 21 in Concession II;

Thence south 17° 59' 20" east along the said easterly limit 494.01 feet to a point;

Thence south 68° 53' west 354.10 feet to a monument;

Thence south 69° 14' 40" west 651.50 feet to a monument;

Thence south 71° 08' 30" west 318.78 feet to the westerly limit of the said Lot 21;

Thence north 17° 42' 30" west along the said westerly limit 18.30 feet to a monument;

Thence south 50° 46' 20" west 4,386.71 feet to the easterly limit of Lot 25 in Concession II;

Thence south 17° 43' 20" east along the said easterly limit 782.59 feet to a monument;

Thence south 72° 17' west 368 feet to a monument;

Thence south 17° 44' 50" east 115 feet to a monument;

Thence north 72° 16' east 268 feet to a monument;

Thence north 86° 21' east 103.12 feet to the easterly limit of the said Lot 25;

Thence south 17° 43' 20" east along the said easterly limit 594.40 feet to a monument;

Thence south 81° 33' 30" west 1,993.98 feet to a monument;

Thence south 16° 39' east 381.80 feet to a monument;

Thence south 73° 24' west 647.49 feet to a monument;

Thence north 17° 08' west 172.91 feet to a monument;

Thence south 73° 08' 30" west 387.78 feet to a monument;

Thence south 52° 59' west 361.57 feet to a monument;

Thence south 67° 44' 30" west 679.80 feet to the westerly limit of Lot 27 in Concession II;

Thence south 50° 46' 40" west 890.83 feet to a monument;

Thence south 46° 13' 30" west 563.37 feet to the westerly limit of Lot 28 in Concession II;

Thence south 46° 11' 20" west 73.47 feet to the easterly limit of Lot 29 in Concession II;

Thence south 46° 13' 30" west 332.27 feet to a monument;

Thence south  $47^{\circ} 51' 50''$  west 1,041.29 feet to a monument;

Thence south  $52^{\circ} 23'$  west 94.42 feet to the westerly limit of the said Lot 29;

Thence south  $52^{\circ} 26' 20''$  west 710.76 feet to a monument;

Thence south  $17^{\circ} 09'$  east 180.65 feet to the southerly limit of Lot 30 in Concession II;

Thence south  $74^{\circ} 08' 20''$  west 659.07 feet along the said southerly limit to the production northerly of the easterly limit of Lot 31 in Concession I;

Thence south  $17^{\circ} 24'$  east to and along the said easterly limit 363 feet to a monument;

Thence south  $73^{\circ} 59'$  west 508 feet to a monument;

Thence south  $46^{\circ} 49' 40''$  west 167.82 feet to a monument;

Thence south  $46^{\circ} 50' 20''$  west 1,476.97 feet to a monument;

Thence south  $46^{\circ} 49' 50''$  west 757.27 feet to a monument;

Thence south  $46^{\circ} 47' 10''$  west 17.95 feet to a monument;

Thence south  $46^{\circ} 50' 10''$  west 92.59 feet to a monument;

Thence south  $17^{\circ} 54' 20''$  east 208.95 feet to a monument;

Thence south  $70^{\circ} 07' 50''$  west 415.53 feet to a monument;

Thence south  $46^{\circ} 49' 30''$  west 370.85 feet to a monument;

Thence south  $46^{\circ} 45'$  west 484.77 feet to a monument;

Thence south  $46^{\circ} 07' 40''$  west 80.35 feet to the easterly limit of Lot 22 according to a Plan registered in the said Land Registry Office as Number 329;

Thence south  $17^{\circ} 26' 20''$  east 166.93 feet to the southeasterly corner of the said Lot 22;

Thence south  $72^{\circ} 49' 20''$  west along the southerly limit of the said Lot a distance of 403.30 feet to a monument;

Thence south  $46^{\circ} 49' 40''$  west 395.25 feet to the easterly limit of Lot 6 according to the said Plan;

Thence south  $17^{\circ} 19'$  east 190.17 feet to the southeasterly corner of the said Lot;

Thence south  $72^{\circ} 53' 50''$  west along the southerly limit of the said Lot a distance of 388.52 feet to a monument;

Thence south  $46^{\circ} 51'$  west 235.20 feet to a monument;

Thence south  $46^{\circ} 50' 10''$  west 840.83 feet to a monument;

Thence south  $19^{\circ} 16' 40''$  east 199.35 feet to a monument;

Thence south  $72^{\circ} 33' 40''$  west 420.39 feet to a monument;

Thence south  $46^{\circ} 46' 30''$  west 289.60 feet to the westerly limit of Lot 35 in Concession I;

Thence south  $46^{\circ} 46' 30''$  west 36.38 feet, more or less, to the westerly boundary of the Town of Pickering;

Thence northerly along the said westerly boundary to a line drawn on the course of south  $70^{\circ} 24' 10''$  west through the place of beginning;

Thence north  $70^{\circ} 24' 10''$  east 33 feet to the place of beginning. O. Reg. 526/76, Sched. 3.



## REGULATION 689

### under the Notaries Act

#### FEEs

- 1.—(1) The fee for a commission appointing a barrister and solicitor as a notary public for Ontario is \$100.
- (2) The fee for a commission appointing a person other than a barrister and solicitor as a notary public for Ontario is \$75.
- (3) The fee for a commission re-appointing a person other than a barrister and solicitor as a notary public for Ontario is \$50.
- (4) This section does not apply to a commission appointing as a notary public for Ontario a person who is an employee of,
- (a) the Government of Canada;
  - (b) the Government of Ontario; or
  - (c) a municipality in Ontario where the application for the commission is made upon the request of the head of the municipality. O. Reg. 233/80, s. 1.
2. Every person examined or re-examined under section 2 of the Act shall pay the judge or other person making the examination or re-examination a fee of \$5. O. Reg. 233/80, s. 2.



## REGULATION 690

### under the Nursing Homes Act

#### GENERAL

#### INTERPRETATION

##### 1. In this Regulation,

1. "administrator" means a person in charge of a nursing home;
2. "combustible building" means a building that is not a noncombustible building;
3. "controlled drug" has the same meaning as in the *Food and Drugs Act* (Canada);
4. "dentist" means a person who is licensed under Part II of the *Health Disciplines Act* and entitled to practise dentistry in Ontario;
5. "drug" has the same meaning as in clause 113 (1) (d) of the *Health Disciplines Act*;
6. "exit" means that part of a means of egress that leads from the floor area it serves, including any doorway heading directly from a floor area, to a public thoroughfare or to an open space;
7. "extended care" means skilled nursing and personal care given by or under the supervision of a registered nurse or registered nursing assistant under the direction of a physician to a resident for a minimum of one and a half hours per day;
8. "extended care resident" means a resident in an extended care unit;
9. "extended care unit" means a part of a nursing home in which residents in need of extended care are lodged;
10. "fire extinguisher rating" means the rating of an extinguisher for extinguishing capacity and class of fire;
11. "fire resistance rating" means the rating assigned after a testing of the time of fire resistance of a representative specimen conducted by,
  - i. The National Research Council of Canada, or
  - ii. Underwriters' Laboratories of Canada;
12. "fire separation" means a barrier against the spread of fire and smoke;
13. "in-service training" means a program for staff education and development encompassing orientation, skill development and continuing education;
14. "intermediate nursing care" means nursing and personal care given by or under the supervision of a registered nurse or registered nursing assistant under the direction of a physician to a resident for less than one and one-half hours per day;
15. "leave of absence" means a leave of absence from an extended care unit taken by an extended care resident on the order of a physician for a period of two weeks or less, in any calendar year, for a purpose other than admission to a hospital which has been designated to participate in the Ontario Health Insurance Plan under the *Health Insurance Act* or to a hospital within the meaning of subsection 52 (1) of that Act or to an extended care unit of another nursing home;
16. "means of egress" means a continuous path of travel provided by a doorway, hallway, corridor, exterior passageway, balcony lobby, stair, ramp or other egress facility or combination thereof, for the escape of persons from any point in a building, floor area, room or contained open space to a public thoroughfare or other open space and includes exits and access to exits;
17. "narcotic" has the same meaning as in section 2 of the *Narcotic Control Act* (Canada);
18. "noncombustible", as applied to a material or combination of materials, means material that will pass an approved test for determination of noncombustibility in building materials conducted by,
  - i. The Canadian Standards Association Testing Laboratories,
  - ii. The National Research Council of Canada, or
  - iii. Underwriters' Laboratories of Canada;
19. "noncombustible building" means a building in which all load-bearing walls, columns, partitions, floors and roofs are constructed of concrete, brick, tile, steel or other noncombustible material or combination of materials;
20. "nonprescription drug" means a drug that is not a prescription drug;

21. "nursing care" includes intermediate nursing care and extended care;
22. "nursing staff" includes a registered nurse, a registered nursing assistant and a health care aide also known as a non-registered nurses aide;
23. "pharmacist" means a person who is a member of the Ontario College of Pharmacists and is licensed under Part VI of the *Health Disciplines Act*;
24. "physician" means a person who is licensed under Part III of the *Health Disciplines Act* and entitled to practice medicine in Ontario;
25. "prescribed", when used with reference to a drug or mixture of drugs, means that a prescriber has directed the dispensing of the drug or mixture of drugs to a named person;
26. "prescriber" means a person who is authorized to give a prescription within the scope of his practice of a health discipline or profession;
27. "prescription drug" means a drug that may be dispensed by a pharmacist only upon the direction of a prescriber;
28. "registered nurse" means a person who is the holder of a certificate as a registered nurse under Part IV of the *Health Disciplines Act* and possesses a current certificate of competence issued by the College of Nurses of Ontario;
29. "registered nursing assistant" means a person who is the holder of a certificate as a registered nursing assistant under Part IV of the *Health Disciplines Act*, and possesses a current certificate of competence issued by the College of Nurses of Ontario;
30. "semi-private accommodation" means a two-bed unit. O. Reg. 354/80, s. 1.

#### LICENCES

2.—(1) An application for a licence to establish, operate or maintain a nursing home or a renewal thereof shall be made to the Director in Form 1.

(2) An application for an initial licence to establish, operate or maintain a nursing home shall be accompanied with evidence satisfactory to the Director that the premises to be used as a nursing home complies with all municipal by-laws, of the municipality in which the proposed nursing home is situate, respecting the establishment or location of a nursing home.

(3) A licence to establish, operate or maintain a nursing home shall be in Form 2.

(4) The fee for a licence to establish, operate or maintain a nursing home or a renewal thereof is \$10.

(5) Every administrator of a nursing home shall post the licence to establish, operate or maintain the nursing home in a conspicuous place in the main hallway of the nursing home. O. Reg. 354/80, s. 2.

#### CONDITIONS OF LICENCES

3. Every licence to establish, operate or maintain a nursing home shall be subject to the following conditions:

1. The bed capacity of the nursing home set out in the licence shall not be exceeded at any time and not more than the number of nursing residents authorized by the licence shall be admitted or lodged in the nursing home at any time.
2. No construction, alteration, addition or renovation of a nursing home or the conversion of a building into a nursing home shall be carried out except in compliance with section 4.
3. No licensee shall demand or accept or cause or permit any person to demand or accept on the licensee's behalf payment in excess of,

i. the amount prescribed,

A. under the *Health Insurance Act* for services that are insured services under that Act,

B. under subsections 7 (6) and (7) of this Regulation as co-payment for services that are insured services under the *Health Insurance Act*,

ii. the amount prescribed by subsections 7 (9) and (10) of this Regulation for private accommodation in an extended care unit, or

iii. the amount prescribed by subsections 7 (11) and (12) of this Regulation for semi-private accommodation in an extended care unit. O. Reg. 354/80, s. 3.

4.—(1) Every person who proposes to construct, alter, add to or renovate a nursing home or convert an existing building into a nursing home shall submit plans and specifications thereof to the Director and shall submit such information and other material as may be required by the Director to determine the suitability and adequacy of the plans and specifications of the services that the nursing home intends to provide.

(2) Before approving any plans or specifications submitted to him under subsection (1), the Director shall refer the plans and specifications to the Fire Marshal and the Director shall not give his approval to the plans and specifications until the Fire Marshal has examined and approved them with respect to fire safety.

(3) No construction, alteration, addition, renovation or conversion referred to in subsection (1) shall be carried out except in accordance with the plans and specifications that are approved by the Director.

(4) Where the Director has approved plans and specifications submitted to him under subsection (1), his approval expires six months after the date on which it is given unless the construction, alteration, addition, renovation or conversion is commenced within such six-month period.

(5) No construction, alteration, addition, renovation or conversion shall be commenced where an approval of the Director has expired.

(6) Every person referred to in subsection (1) shall submit to the Director forthwith after the completion of the construction, alteration, renovation, addition or conversion as the case may be, a certificate from Ontario Hydro certifying that the nursing home has been inspected and that all electrical installations and wiring in the nursing home conform to Regulation 794 of Revised Regulations of Ontario, 1980 made under the *Power Corporation Act*.

(7) For the purposes of this section, the commencement of work on the land or the building shall be considered to be the commencement of the construction, alteration, renovation, addition or conversion, as the case may be. O. Reg. 354/80, s. 4.

5.—(1) Every nursing home shall be so constructed and maintained that there is at all times,

- (a) a supply of potable water of sufficient quantity and pressure to serve the needs of the nursing home; and
- (b) a sewage and waste disposal system adequate to meet the needs of the nursing home.

(2) Every nursing home shall be so maintained at all times as to be free from anything that might be hazardous to the health or safety of the residents. O. Reg. 354/80, s. 5.

6. On or after the 27th day of April, 1972, a nursing home that is constructed, altered, added to or renovated or a building that is converted into a nursing home,

- (a) shall not have,
  - (i) a winding stairway, or
  - (ii) a maximum gradient of more than 1 in 10 on any exterior ramp;
- and
- (b) shall have,
  - (i) an exit at ground level, and
  - (ii) a minimum width of 1.82 metres in all corridors. O. Reg. 354/80, s. 6.

7.—(1) Every nursing home shall designate an area to be an extended care unit and such an area shall comprise a minimum of 75 per cent of the licensed bed capacity and facilities of the nursing home.

(2) The area of the nursing home that remains after an area has been designated as an extended care unit shall be used for intermediate nursing care.

(3) An extended care unit shall be used only for extended care residents.

(4) A minimum of 55 per cent of the licensed bed capacity in a nursing home shall be classed and used as standard ward accommodation for extended care residents.

(5) Not more than 45 per cent of the licensed bed capacity in a nursing home may be classified and used as semi-private or private accommodation, or both.

(6) An extended care resident who is an insured person under the *Health Insurance Act* and who, after the end of the month in which he attained the age of sixteen years, received services that are insured services under that Act, may be charged for each full month that he received the services, where the insured services were received during the period set out in Column 1, a co-payment not exceeding the amount set out opposite in Column 2 of Table 1.

(7) An extended care resident who is an insured person under the *Health Insurance Act* and who, after the end of the month in which he attained the age of sixteen years, received services that are insured services under that Act, may be charged for each day that he received the services, other than the day that he is discharged from an extended care unit, where the insured services were received during the period set out in Column 1, and where the insured services were received for less than a month, or for a day or a number of days in excess of a full month, a co-payment not exceeding the amount set out opposite in Column 3 of Table 1.

(8) A chronic care resident who is an insured person under the *Health Insurance Act* and who receives services that are insured services under that Act may be charged, a co-payment not exceeding the amount of any co-payment that may be prescribed to be made by the person under subsection 37 (8) of Regulation 452 of Revised Regulations of Ontario, 1980 under the *Health Insurance Act*.

(9) The amount that an extended care resident may be charged in respect of private accommodation in the extended care unit of a nursing home, where the private accommodation is provided to the resident during the period set out in Column 1, and where the private accommodation is provided for a full month, the amount shall not exceed the amount set out opposite Column 2 of Table 2.

(10) The amount that an extended care resident may be charged in respect of private accommodation in the

extended care unit of a nursing home, where the private accommodation is provided to the resident during the period set out in Column 1, and where the private accommodation is provided for less than a month, or for a day or number of days in excess of a full month, the amount shall not exceed the amount set out opposite Column 3 of Table 2.

(11) The amount that an extended care resident may be charged in respect of semi-private accommodation in the extended care unit of a nursing home, where the semi-private accommodation is provided to the resident during the period set out in Column 1, and where the semi-private accommodation is provided for a full month, the amount shall not exceed the amount set out opposite Column 2 of Table 3.

(12) The amount that an extended care resident may be charged in respect of semi-private accommodation in the extended care unit of a nursing home, where the semi-private accommodation is provided to the resident during the period set out in Column 1, and where the semi-private accommodation is provided for less than a month, or for a day or number of days in excess of a full month, the amount shall not exceed the amount set out opposite Column 3 of Table 3.

(13) The amounts prescribed in subsections (9), (10), (11) and (12) may be charged whether or not a co-payment is charged as prescribed in subsection (6), (7) or (8).

(14) Where accommodation is being held in an extended care unit for an extended care resident who is temporarily absent on a leave of absence, the co-payments referred to in subsection (6), (7) or (8) or the amounts referred to in subsections (9), (10), (11) and (12) shall not be charged against that resident in respect of any day on which the accommodation is actually occupied by another person, and amounts may be charged against the person actually occupying the accommodation. O. Reg. 354/80, s. 7.

#### UNINSURED SERVICES

8. Every administrator shall ensure that,

- (a) residents are informed of the services provided by the nursing home that are not insured services under the *Health Insurance Act*, and the charges that are made to the resident by the nursing home for each of these services; and
- (b) residents are charged only for those services which they indicate in writing they wish to receive. O. Reg. 354/80, s. 8.

#### CHILDREN

9.—(1) Every,

- (a) nursing home; or
- (b) special unit within a nursing home,

established to care for residents sixteen years of age or under shall be used exclusively for residents sixteen years of age or under and shall be served by a separate nurses station.

(2) A person sixteen years of age or under shall not be admitted as a resident in a unit in which a person over the age of sixteen years is a resident. O. Reg. 354/80, s. 9.

#### BEDROOMS

10. A bedroom for a resident shall,

- (a) where the nursing home was constructed before the 27th day of April, 1972, provide a minimum of 16.8 cubic metres of air space and 6.96 square metres of floor space for each resident over the age of sixteen years;
- (b) where the nursing home is constructed, renovated, added to or altered or where a building is converted into a nursing home on or after the 27th day of April, 1972, provide notwithstanding the provisions of Regulation 87 of Revised Regulations of Ontario, 1980 under the *Building Code Act* a minimum, exclusive of the space provided for built-in or portable clothes closets and washrooms, of,
  - (i) 10.22 square metres of floor space in a single-bed unit,
  - (ii) 16.72 square metres of floor space in a two-bed unit,
  - (iii) 25.08 square metres of floor space for a three-bed unit,
  - (iv) 29.73 square metres of floor space in a four-bed unit,

where the bedroom is or is intended to be occupied by a resident or residents over the age of sixteen years;

- (c) provide a minimum of 11.2 cubic metres of air space and 4.65 square metres of floor space for each resident sixteen years of age or under;
- (d) be furnished so that,
  - (i) all beds are at least 0.91 metres apart,
  - (ii) all beds are at least 0.91 metres from every wall except at the head of the bed,
  - (iii) no part of any bed overlaps an unprotected source of heat, a window or a door,
  - (iv) each bed is sheltered from drafts,
  - (v) each bed is not more than two deep from a window, except where the nursing home was constructed, reno-

vated, added to or altered prior to the 27th day of April, 1972, and

- (vi) each bed is provided with an individual light that is suitable for reading;
- (e) have one or more windows to the outside that,
  - (i) can be opened to provide an open area equal to 5 per cent of the floor area of the room,
  - (ii) is or are not less in area than 10 per cent of the floor area of the room,
  - (iii) have the lowest edge of the window glass not higher than 66.04 centimetres from the floor, except in a nursing home that has been constructed, renovated, added to or altered prior to the 27th day of April, 1972, and
  - (iv) is or are screened from the 1st day of May to the 30th day of October and that are equipped with draft deflector;
- (f) not be part of a lobby, hallway, passageway, closet, bathroom, stairway, basement, attic, kitchen, storage room, boiler room, laundry room, activity room, utility room, chapel, sitting room, administrative office, resident examination room or any other area;
- (g) not used as a passageway or as a storage, kitchen or general sitting room area;
- (h) not have a lock on the door;
- (i) be at or above ground level;
- (j) not contain more than four beds;
- (k) be so constructed that units of two or more beds are provided with a track-mounted screening device made of a fire-resistant material suitable to provide privacy for an individual resident;
- (l) where the nursing home is constructed on or after the 27th day of April, 1972, have a ceiling height of at least 2.28 metres;
- (m) where the nursing home is constructed on or after the 27th day of April, 1972, have bedroom doors a minimum of 1.12 metres in width; and
- (n) be clearly identified and permanently designated by a letter or number. O. Reg. 354/80, s. 10.

#### BEDROOM FURNISHINGS

11.—(1) Every resident's bed shall be of a minimum width of 91.44 centimetres and shall have a firm, com-

fortable mattress at least 10.16 centimetres thick, except cribs for children.

(2) Subject to subsection (3), every mattress referred to in subsection (1) shall be provided with a waterproof, flame retardant cover.

(3) A mattress purchased and used on or after the 1st day of May, 1980 shall be flame retardant and waterproof, or flame retardant and provided with a waterproof cover.

(4) Every resident who is confined to bed or a chair shall be provided with a hospital-type bed that is capable of being elevated at the head and that has a headboard and a footboard.

(5) A roll-away bed, day bed, double deck bed or cot shall not be used as sleeping accommodation for a resident.

(6) A bedside table shall be provided for every resident at his bed except where a dresser or other item of furniture that can be used as a table is provided and a comfortable easy chair shall be provided for every resident in his bedroom.

(7) Every nursing home shall provide sufficient clean bed linen, face cloths and towels for use of the residents so as to permit at least three changes a week and a supply of such items shall be on hand at all times in the nursing home.

(8) Where, on or after the 27th day of April, 1972, a nursing home is constructed, altered, added to or renovated or a building is converted into a nursing home at least 0.46 square metres of floor space shall be provided as a clothes closet for each resident in the room in which the resident's bed is located.

(9) Where two or more beds are located in a bedroom, a separate clothes closet for each resident shall be provided in the bedroom. O. Reg. 354/80, s. 11.

#### NURSES STATIONS

12.—(1) A nurses station shall be provided on each floor in a nursing home.

(2) The nurses station shall be so located as to provide a complete unobstructed view of the nursing corridors on the floor served by the station.

(3) Where, on or after the 27th day of April, 1972, a nursing home is constructed, altered, added to or renovated or a building is converted into a nursing home, no nursing station shall provide supervision for more than sixty beds. O. Reg. 354/80, s. 12.

#### INFIRMARY ROOM

13. Every nursing home shall be equipped with a one-bedroom unit for the purpose of isolating a resident in the event of his medical need. O. Reg. 354/80, s. 13.

14. Every nursing home shall contain an area that affords privacy for the examination and treatment of residents. O. Reg. 354/80, s. 14.

#### DINING ROOM

15.—(1) Every nursing home shall have a dining room or rooms that provides a minimum of 1.85 square metres per resident and that accommodates at least 40 per cent of the licensed bed capacity of the nursing home at one time.

(2) No dining room in a nursing home shall be used as a passageway by residents or staff. O. Reg. 354/80, s. 15.

#### SITTING ROOM

16.—(1) Each floor that is used for the accommodation of residents in a nursing home shall be provided with at least one sitting room.

(2) The minimum total area in a nursing home to be set aside for sitting rooms shall be calculated at the rate of 1.39 square metres of floor space for each resident.

(3) Where, on or after the 27th day of April, 1972, a nursing home is constructed, altered, added to or renovated or a building is converted into a nursing home, no sitting room shall have a total floor area of less than 11.14 square metres.

(4) Where, on or after the 27th day of April, 1972, a nursing home is constructed, altered, added to or renovated or a building is converted into a nursing home, each floor shall be provided with at least one sitting room with windows. O. Reg. 354/80, s. 16.

#### ACTIVITY AREA

17.—(1) In addition to the sitting room or rooms, required under section 16, every nursing home shall provide areas for crafts and activity programs.

(2) All equipment in craft and activity areas shall be kept in a good state of repair and an adequate supply of such equipment shall be on hand at all times to serve the resident.

(3) The minimum total floor area in a nursing home to be set aside for crafts and activities shall be calculated at the rate of 0.55 square metres multiplied by the licensed bed capacity of the nursing home. O. Reg. 354/80, s. 17.

#### STAFF FACILITIES

18.—(1) On or after the 27th day of April, 1972, every nursing home that is constructed, altered, added to or renovated and every building that is converted into a nursing home shall be equipped with separate toilet facilities for male and female employees according to the following Table:

TABLE

Item	Number of Male or Female Employees on a Shift	Facilities
1	1 to 9	1 toilet and 1 washbasin
2	10 to 24	2 toilets and 2 washbasins
3	25 to 49	3 toilets and 3 washbasins
4	50 to 74	4 toilets and 4 washbasins
5	75 to 100	5 toilets and 5 washbasins

(2) In addition to the number of toilets and washbasins to be provided under subsection (1), where applicable, a nursing home shall be equipped with one additional toilet and one additional washbasin for every additional thirty employees over 100 of each sex.

(3) Every nursing home shall be equipped at all times with a sufficient supply of disposable paper drinking cups and disposable towels to meet the needs of the employees of the nursing home.

(4) Every nursing home shall be equipped with,

(a) staff change rooms that provide privacy and space for staff to change clothes; and

(b) staff lockers for personal clothing that can be securely locked. O. Reg. 354/80, s. 18.

19. No common drinking cups or towels shall be used in a nursing home. O. Reg. 354/80, s. 19.

#### TOILET FACILITIES

20.—(1) No toilet room or bathroom in a nursing home shall open directly into any dining room, kitchen, pantry, food preparation room or storage room, or be so located that a resident must pass through such an area to enter or leave a toilet room or bathroom.

(2) Every floor on which residents are accommodated shall be equipped with toilet facilities in at least the following ratios:

1. One washbasin and one flush toilet for every eight beds where the nursing home was constructed before the 27th day of April, 1972.

2. Where the nursing home is constructed, altered, added to or renovated or where the nursing home is a building that is converted into a nursing home on or after the 27th day of April, 1972 and notwithstanding the provisions of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, one washbasin and one flush toilet for every four beds.

3. One bathtub or shower for every twelve beds.

(3) Every floor where residents are accommodated shall be equipped with a utility room for washing bedpans or be equipped with bedpan flushing devices installed to each resident's toilet.

(4) In this section, one urinal shall be deemed to be equivalent to one flush toilet, but urinals shall not exceed 20 per cent of the total flush toilet facilities provided for male residents.

(5) No bathroom, toilet or shower room in a nursing home shall have a door with a lock unless the lock is of a type that can be readily released from the outside in an emergency.

(6) The temperature of the water serving all bathtubs, showers and hand basins used by residents shall not exceed 48.89 degrees Celsius and shall be controlled by a device, inaccessible to the residents, that regulates the temperature.

(7) On or after the 27th day of April, 1972, every nursing home that is constructed, altered, added to or renovated and every building that is converted into a nursing home shall have bathrooms, toilets and shower rooms of a type that are easily accessible and that afford manoeuvring room for residents confined to wheelchairs.

(8) Every washbasin, shower and bathtub used by residents shall be equipped with a style of faucet that is simple to understand and that is easy to use.

(9) No spring loaded or pressure operated faucet handles shall be used on a washbasin, shower or bathtub that is intended for use by a resident.

(10) At least one grab bar or similar suitable device of a type that will ensure the safety of a resident shall be provided for each bathtub and each toilet intended for use by a resident.

(11) At least two grab bars shall be provided in each shower intended for use by a resident with one being located on the faucet side and one on a side adjacent to the faucet. O. Reg. 354/80, s. 20.

#### HOUSEKEEPING

21.—(1) Every nursing home shall be maintained in a clean and sanitary state and in a good state of repair.

(2) Every nursing home constructed before the 27th day of April, 1972, shall be equipped with one or more locked closets on each floor where residents are accommodated for the purpose of storing housekeeping and cleaning supplies.

(3) On or after the 27th day of April, 1972, every nursing home that is constructed, altered, added to or renovated and every building that is converted into a nursing home, shall be equipped with,

(a) one or more locked and vented closets fitted with sinks and shelves and sufficient space to accommodate household cleaning material, utensils and apparatus on each floor where residents are accommodated; and

(b) a utility room and dirty utility room on each floor. O. Reg. 354/80, s. 21.

#### LAUNDRY

22. The following rules apply to the handling and storage of linen and laundry in a nursing home:

1. All soiled linen shall be taken to the dirty storage or laundry area in closed hampers or bags.
2. Soiled linen shall not be taken through a food preparation or food storage room.
3. Clean and soiled linen shall be kept separate at all times.
4. Separate laundry carts shall be used for the pick-up of soiled laundry and distribution of clean laundry.
5. Infected laundry shall be kept in separate, identifiable bags.
6. Every laundry worker shall wear a laundry uniform while doing laundry work but shall not wear the laundry uniform at any other time. O. Reg. 354/80, s. 22.

#### VERTICAL ACCESS

23.—(1) Every nursing home that is constructed on or after the 27th day of April, 1972 and that has services or accommodation for residents' use located on more than one floor shall have at least one elevator sufficient in size to accommodate a stretcher and the elevator shall be provided with an on-off key or toggle switch that, when operated, will electrically maintain the doors of the elevator in an open position and prevent movement of the elevator.

(2) Notwithstanding subsection (1), every nursing home that is constructed on or after the 1st day of May, 1980 that has services or accommodation for residents' use located on more than one floor shall have at least one elevator sufficient in size to accommodate a stretcher, and the elevator shall be equipped with,

- (a) handrails on the interior walls;
- (b) an automatic door controlled by a photo electric cell; and
- (c) controls that are located at such a height that residents in wheelchairs will be able to operate the elevator.

(3) Where a nursing home was constructed before the 27th day of April, 1972 and the nursing home has no elevator, the administrator shall ensure that each non-ambulatory resident is placed in the nursing home so as to have convenient access to and exit from all dining areas, activity areas, craft rooms and the sitting room nearest the bedroom of the resident and the outside grounds. O. Reg. 354/80, s. 23.

24. On or after the 27th day of April, 1972, every nursing home that is constructed, altered, added to or renovated and every building that is converted into a nursing home, shall have part of its grounds laid out and constructed so as to provide a recreational area for use by residents. O. Reg. 354/80, s. 24.

25.—(1) Every nursing home shall be equipped with waste receptacles that are,

- (a) durable, leakproof and non-absorbent; and
- (b) free from sharp edges.

(2) The waste receptacles referred to in subsection (1) shall be placed in sufficient numbers throughout the nursing home to adequately serve the needs of the nursing home and shall, notwithstanding the generality of the foregoing, be placed in at least the following locations:

- 1. The kitchen.
- 2. Every residents' room.
- 3. Every food service area.
- 4. Every service area other than a food service area.
- 5. Every area that the public has access to.

(3) Receptacles in residents' rooms shall be emptied at least once each day.

(4) Every nursing home shall have a main waste storage station located within or adjacent to the nursing home and where the station is located in the nursing home it shall be properly ventilated so as to remove all odors.

(5) A waste storage station referred to in subsection (3) shall be so constructed as to keep out insects, rodents and other animals. O. Reg. 354/80, s. 25.

26.—(1) Where carts are used in a nursing home for collecting solid waste receptacles, the carts shall not be used for any other purpose.

(2) Where carts are used in a nursing home for clean laundry or for food, the carts shall not be,

- (a) used so as to come into direct contact with;
- (b) used in close proximity to; or

(c) stored with,

carts used for the collecting or the transporting of waste. O. Reg. 354/80, s. 26.

27. Every nursing home shall have sufficient equipment, supplies and personnel on hand to collect and dispose of all solid wastes. O. Reg. 354/80, s. 27.

28.—(1) Subject to subsection (3), every extended care unit shall be equipped with an electrical audio visual call system.

(2) The system referred to in subsection (1) shall be so constructed and installed that,

- (a) it is on at all times;
- (b) when it is activated, it will ring and show on an annunciator panel at a nurses station or office;
- (c) a call can be cancelled only at the point of activation.

(3) Where, on or after the 1st day of May, 1980, a nursing home is constructed, altered, added to or renovated or a building converted into a nursing home, the system referred to in subsection (1) shall be equipped with lights in the corridor indicating the calling unit and these lights shall be visible from the nurses station.

(4) Each nurses station referred to in subsection (3) shall be equipped with a control panel that covers the area served by the nurses station.

(5) A call station shall be installed at,

- (a) each toilet, bath and shower location used by residents such that the activator is easily accessible to the resident; and
- (b) each residents' bed, within easy reach of the resident.

(6) An electric intercommunication system may be installed in place of an electrical audio visual system in an extended care unit used by children sixteen years of age or under.

(7) An alarm annunciator that will indicate that a resident requires assistance shall be installed in the staff working areas on each floor of a nursing home.

(8) Subject to subsection (11), each door leading to the outside of a nursing home and to which residents have access, shall be equipped with electrically operated door alarms connected to an audio visual annunciator located at the main nurses station and a manual reset switch shall be located at each door so equipped.

(9) Where on or after the 1st day of May, 1980, a nursing home is constructed, altered, added to or renovated or a building is converted into a nursing

home, each door leading to the outside of the nursing home and to which residents have access, shall be equipped with an electrically operated door alarm that is connected to an audio visual annunciator that is located at the nurses station nearest to each door so equipped and a manual reset switch shall be located at each door so equipped.

(10) Notwithstanding subsections (8) and (9), a door in an area that is under constant supervision may have the door alarm shut off provided that the door is being supervised.

(11) Subsections (8) and (9) do not apply to an exit door that leads to an outside area that is fenced or that otherwise precludes exit by a resident. O. Reg. 354/80, s. 28.

#### LIGHTING

29. Every nursing home shall have the following minimum levels of illumination:

1. 215.28 lux continuous lighting in all corridors.
2. 322.92 lux continuous lighting in all stairways.
3. 376.73 lux at the bed of each resident when the bed is at the reading position.
4. 1,076.39 lux at each drug cabinet.
5. 215.28 lux in all areas in the nursing home other than those areas referred to in items 1 to 4. O. Reg. 354/80, s. 29.

#### TEMPERATURE

30. Every nursing home shall be maintained at a minimum temperature of 22.2 degrees Celsius at all times. O. Reg. 354/80, s. 30.

#### VENTILATION

31. Every room and corridor in a nursing home shall be provided with adequate natural or mechanical ventilation to ensure,

- (a) the elimination of all odours and noxious gases; and
- (b) the replenishing of the oxygen content of the room. O. Reg. 354/80, s. 31.

#### GENERAL SAFETY

32. Every administrator shall ensure that all hazards to health and safety are eliminated from the nursing home and that the nursing home is so equipped and constructed as to have,

- (a) handrails installed on each side of every corridor, stairway and ramp with the top of each

handrail not less than 81.28 centimetres nor more than 91.44 centimetres above the finished floor or stair level;

- (b) adjustable side rails are available at all times for each extended care resident's bed in the nursing home;
- (c) residents' beds that can all be fitted with the adjustable side rails referred to in clause (b);
- (d) floors and stairways with non-skid finishes and coverings; and
- (e) protective guards placed around and over all radiators and heating devices. O. Reg. 354/80, s. 32.

#### FIRE SAFETY

##### GENERAL

33.—(1) Where a nursing home was constructed, altered, added to or renovated before the 27th day of April, 1972, every floor of the nursing home shall have two exits that are as far as possible from each other, that are each at least 900 millimetres wide and that are constructed and maintained in accordance with the requirements of subsection (3).

(2) Notwithstanding the provisions of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act* where on or after the 27th day of April, 1972, a nursing home is constructed, altered, added to or renovated and where a building is converted into a nursing home, every exit referred to in subsection (1) shall be at least 1,100 millimetres wide.

(3) Every exit from a nursing home shall be so constructed and maintained that,

- (a) the distance of travel to an exit from the door of any room or suite or rooms opening on to a corridor does not exceed 30.00 metres;
- (b) all exit doors open in the direction of exit travel;
- (c) no exit door opens immediately to,
  - (i) a flight of stairs, or
  - (ii) a landing that is less in length than the width of the door.

(4) Every landing and every flight of stairs in a stairwell that is used by residents shall have continuous handrails on both sides of the landing and stairs.

(5) Notwithstanding the provisions of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, no exit door in a nursing home shall be equipped with hardware that permits the door to be locked in a manner that prevents immediate egress.

(6) Notwithstanding the requirements of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, every exit in a nursing home shall be equipped with internally illuminated exit signs on independent electrical circuits displaying the word "exit" in red letters at least 110 millimetres high on an opaque background.

(7) Notwithstanding the requirements of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, every nursing home shall be equipped with signs to indicate the direction of egress in corridors and passageways, and each sign shall have the word "exit" on it at least 110 millimetres high together with an arrow or pointer indicating the direction of egress.

(8) Every floor that is occupied by residents shall be divided into approximately equal zones by a fire separation having a fire resistance rating of not less than forty-five minutes.

(9) Notwithstanding the requirements of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, the fire separation referred to in subsection (8) shall contain doors that are suitable for moving residents in the case of an emergency involving the residents and that have a fire protection rating of not less than forty-five minutes.

(10) Notwithstanding the requirements of Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, emergency lighting shall be provided in the hallways, corridors and stairwells of every nursing home.

(11) The emergency lighting referred to in subsection (10) shall be provided from a power source independent of that for the general lighting and shall be controlled by a device that automatically transfers the lighting to the emergency power source in the event of a primary power supply failure. O. Reg. 354/80, s. 33.

#### STAIRWAYS

34.—(1) Every interior stairway that is part of a means of egress from a nursing home shall be enclosed by walls that have a fire resistance rating of not less than,

- (a) forty-five minutes where the nursing home is a combustible building; or
- (b) one hour where the nursing home is a non-combustible building.

(2) Every stairway in a nursing home that is not part of a means of egress from the nursing home shall be enclosed in such a manner that the enclosure provides a fire separation with a fire resistance rating between floors of not less than,

- (a) forty-five minutes where the nursing home is a combustible building; or
- (b) one hour where the nursing home is a non-combustible building.

(3) Every door and door frame in a stairway enclosure in a nursing home shall be of a type that has a fire resistance rating of not less than forty-five minutes.

(4) Every door in a stairway enclosure in a nursing home shall be self-closing.

(5) Egress for residents in an extended care unit located above the second floor shall be provided by way of an interior stairway only.

(6) Every exterior stairway in a nursing home that is constructed, altered, added to or renovated or in a building that is converted into a nursing home, before the 1st day of May, 1980, shall,

- (a) be of solid and durable construction;
- (b) be securely fastened to the building;
- (c) have treads that are each not less than 111.76 centimetres wide;
- (d) have risers that are each not more than 19.68 centimetres high; and
- (e) not slope more than 40 degrees to the horizontal.

(7) Where an opening in an exterior wall of a nursing home is,

- (a) adjacent to;
- (b) underneath;
- (c) 3.05 metres or less measured horizontally from; or
- (d) 1.83 metres or less measured vertically above,

any part of an exterior stairway, the opening shall, notwithstanding Regulation 87 of Revised Regulations of Ontario, 1980 made under the *Building Code Act*, be protected by a closure that,

- (e) has a fire resistance rating of not less than three-quarters of an hour;
- (f) is fixed in the closed position or is equipped with a self-closer. O. Reg. 354/80, s. 34.

35.—(1) Every kitchen, furnace room, boiler room, laundry or other hazardous area in a nursing home that is a combustible building, shall be enclosed with material having a fire resistance of not less than one hour.

(2) Every door and door frame in an enclosure referred to in subsection (1), shall be of a type that has a fire resistance of not less than forty-five minutes.

(3) Every interior door in an enclosure referred to in subsection (1) shall be equipped with a self-closer.

(4) Every storage room shall be enclosed with material having a fire resistance rating of not less than three-quarters of an hour and the door to the room shall,

- (a) have a solid wood core with a minimum thickness of 4.44 centimetres;
- (b) be kept locked or equipped with a self-closer; and
- (c) not have a grille, louver or transom. O. Reg. 354/80, s. 35.

#### VERTICAL SHAFTS

36.—(1) Every shaft in a nursing home including,

- (a) a dumb-waiter shaft;
- (b) a laundry chute; and
- (c) a rubbish chute,

shall be enclosed with material that has a fire resistance rating of not less than,

- (d) forty-five minutes where the nursing home is a combustible building; or
- (e) one hour where the nursing home is a non-combustible building.

(2) An opening in a shaft referred to in subsection (1) shall be protected by a closure,

- (a) that has a fire resistance rating of not less than forty-five minutes; and
- (b) that is, except for a dumb-waiter shaft, equipped with a self-closer. O. Reg. 354/80, s. 36.

#### INTERIOR FINISHES

37. All combustible finishes on walls and ceilings in a nursing home shall be treated with a fire retardant surface coating listed by the Underwriters' Laboratories of Canada. O. Reg. 354/80, s. 37.

#### SEPARATION OF BEDROOMS

38.—(1) Every door of a room used for sleeping accommodation in a nursing home shall be of solid wood core construction, 4.44 centimetres thick and have a latch of a type suitable for keeping the door tightly closed.

(2) No transom or grille shall be installed in or over any door referred to in subsection (1). O. Reg. 354/80, s. 38.

#### AUTOMATIC FIRE ALARM SYSTEMS

39.—(1) Every nursing home shall be provided with a fire alarm system.

(2) Every fire alarm system in a nursing home shall be an electrically supervised system, the components of that have been tested and listed by the Underwriters' Laboratories of Canada or the Canadian Standards Association Testing Laboratories.

(3) Fire alarm stations shall be installed on every floor in a nursing home,

- (a) at every stairwell; and
- (b) at every exit to the outdoors,
  - (i) from a corridor or lobby, and
  - (ii) from a room that has accommodation for more than sixty persons.

(4) Notwithstanding subsection (3), no manual fire alarm is required to be closer than 9.14 metres to any other manual fire alarm station on the same floor.

(5) Heat or smoke actuated fire detection devices shall be installed in every area in a nursing home except washrooms.

(6) A heat or smoke actuated fire detection device referred to in subsection (5) shall be installed in accordance with the conditions of its listing with the Underwriters' Laboratories of Canada.

(7) For the purpose of this section, a sprinkler head shall be deemed to be a heat actuated fire detection device.

(8) Fire alarm sounding devices shall have a sound that is readily distinguishable from the sound produced by any other sounding device used in the nursing home and shall be installed in locations that enable them to be easily heard throughout the nursing home.

(9) Two independent sources of electrical power shall be provided for the fire alarm system in a nursing home and each source of electrical power shall be capable of,

- (a) supplying adequate electrical power to operate the fire alarm system for a period of twenty-four hours under maximum normal operating conditions; and
- (b) sounding the fire alarm signals throughout the nursing home for a period of five consecutive minutes immediately after the twenty-four hour period set out in clause (a).

(10) Where batteries are used as a source of electrical power for the fire alarm system in a nursing home, the batteries shall be,

- (a) the secondary source of the electrical power; and
- (b) rechargeable batteries that are recharged by means of a trickle charger connected to the

primary source of the electrical power for the fire alarm system,

but shall not be automotive type batteries.

(11) The fire alarm system shall be electrically supervised in such a manner that,

- (a) a loss of primary power;
- (b) a broken conductor; or
- (c) a leak to ground that prevents the operation of part of the system,

will be indicated by the sounding of an audible trouble signal located in a main nurses station.

(12) The trouble signal referred to in subsection (11) shall, when in operation, be continuous and its sound shall be clearly distinguishable from the fire alarm signal.

(13) Subject to subsection (14), a switch for silencing the trouble signal referred to in subsection (11) may be provided if the switch transfers the trouble indication to a trouble light adjacent to the switch and both the switch and the trouble light are located on a control panel in the main nurses station.

(14) The switch referred to in subsection (13) may be located in an area other than the main nursing station if,

- (a) the switch is so installed that when closed it will transfer the trouble indication to,
  - (i) a trouble lamp on the control panel in the main nurses station, and
  - (ii) a trouble lamp adjacent to the switch; and
- (b) the switch and the trouble lamp adjacent to it are installed in a location that is under continuous supervision.

(15) Every fire alarm trouble light shall be so installed that when activated it will remain lighted until the trouble indicated by the light is corrected.

(16) Every fire alarm trouble light shall be conspicuously marked to indicate that when it is lighted there is a fault that requires correction in the fire alarm system.

(17) The main or primary source of electrical power for a fire alarm system,

- (a) shall consist of alternating current power provided by an individual electrical circuit that is not used for any other purpose;
- (b) shall be connected as close as is practical to and on the load side of the main electrical service panel in the nursing home; and

(c) shall not be connected to a secondary lighting panel.

(18) Every control panel for the fire alarm system in a nursing home shall be equipped with a glowing light,

- (a) that ceases to glow when the fire alarm system is shut off; and
- (b) that is conspicuously marked to indicate that the fire alarm system is inactive when the light is not glowing.

(19) The sprinkler system and the fire alarm system in a nursing home shall be so installed that the sprinkler system is supervised by the fire alarm system.

(20) Notwithstanding Regulation 87 of Revised Regulations of Ontario, 1980, made under the *Building Code Act*, in addition to the requirements of this section, a remote audio visual fire alarm trouble signal shall be located at the main nursing station in every nursing home. O. Reg. 354/80, s. 39.

#### FIRE PROTECTION EQUIPMENT

40.—(1) Every floor of a nursing home shall be equipped with fire extinguishers having a 2A fire extinguisher rating so that at least one extinguisher is provided for each 600 square metres of the floor area and within 25 metre travel distance of any point of the floor.

(2) Where a portable fire extinguisher with a fire extinguisher rating of 8 B.C. has been installed in a nursing home before the 27th day of April, 1972, the extinguisher shall be deemed to have a rating of 10 B.C. for the purpose of this section.

(3) Every nursing home shall be equipped with at least one fire extinguisher that is rated at least 10 B.C. by the Underwriters' Laboratories of Canada in or adjacent to each of the following locations in the nursing home:

1. The boiler room or furnace room, except where solid fuel-fired appliances are used in the boiler room or furnace room.
2. The kitchen.
3. The maintenance shop.
4. The laundry.
5. The mechanical room.
6. The electrical room.

(4) No nursing home shall be equipped with a vaporizing liquid fire extinguisher.

(5) Where a nursing home is equipped with cooking appliances that are used in the preparation of meals for,

- (a) thirty or more persons, the appliances shall be outfitted with fixed extinguishing equipment of suitable design and capacity to extinguish any fire involving the cooking surface; and
  - (b) less than thirty persons, the kitchen where the appliances are located shall be equipped with a fire blanket.
- (6) Every nursing home shall be equipped with,
- (a) a standpipe system that serves each floor in the nursing home; and
  - (b) a hose and nozzle at each floor level that is connected to the standpipe system referred to in clause (a),

so that a hose stream can be directed to any point in the nursing home.

(7) Notwithstanding subsection (6), a nursing home that was constructed, altered, added to or renovated before the 27th day of April, 1972, may be equipped with continuous flow hose reels,

- (a) on each floor; and
- (b) each fitted with not more than fifteen metres of rubber or plastic hose of 12.7 millimetres inside diameter equipped with an adjustable nozzle. O. Reg. 354/80, s. 40.

#### FIRE PREVENTION MAINTENANCE AND SAFETY

41.—(1) Every administrator of a nursing home shall,

- (a) establish, in writing, a procedure to be followed in the event of a fire in the nursing home in order to provide for,
  - (i) the protection of all persons in the nursing home, and
  - (ii) the evacuation of all persons from the nursing home to areas of refuge;
- (b) instruct the staff in the procedure established in clause (a) and post the procedure in conspicuous places in the nursing home;
- (c) ensure that the staff of the nursing home are properly trained in methods of moving and carrying residents in an emergency;
- (d) instruct or cause instruction to be given to the staff of the nursing home in,
  - (i) the method of sounding the fire alarm, and
  - (ii) the proper use of the fire extinguishing equipment,
 in the nursing home;

- (e) ensure that the procedure established in clause (a) is practised in a fire drill that is commenced with a fire alarm at least once each month;
- (f) arrange the times that fire drills are held so that each shift of staff will practise the procedure established in clause (a);
- (g) ensure that a written record of the date and time of each drill is maintained at the nursing home and is available to an inspector;
- (h) cause the fire alarm system to be thoroughly inspected and tested by qualified fire alarm maintenance personnel once every twelve months;
- (i) cause the sprinkler system to be thoroughly inspected and tested by a qualified sprinkler serviceman once every twelve months;
- (j) where an inspection is carried out under clause (h) or (i), submit to the Director a certificate in Form 4, completed and signed by the person who conducted the inspection within one week after the inspection certifying that the system has been tested and inspected;
- (k) ensure that at least once each year the heating equipment is serviced by qualified personnel and that the chimneys are inspected and, if considered necessary in the opinion of the person doing the inspection, are cleaned;
- (l) have the fire alarm system, the sprinkler system, fire extinguishers, hoses and standpipes visually inspected at least once a month by the maintenance staff of the nursing home;
- (m) keep written records of inspections and tests of the fire alarm system, the sprinkler system, fire extinguishers, hoses and standpipes and heating equipment, and ensure that these records are available to the inspector;
- (n) have an inspection of the building made each night to ensure that there is no danger of fire;
- (o) ensure that all doors to stairwells and all fire doors are kept closed;
- (p) ensure that the nursing home is kept clean and free from combustible rubbish;
- (q) ensure that exits are clear and unobstructed at all times;
- (r) have combustible draperies, curtains, decorations and similar materials suitably treated to render them resistant to the spread of flame and have them retreated when necessary;
- (s) ensure that receptacles into which electrical irons are plugged are equipped with pilot

lights that glow when an appliance is plugged in;

- (t) ensure that lint traps in laundry equipment are cleaned out after each use;
- (u) ensure that flammable liquids used in the nursing home are stored in suitable containers in non-combustible cabinets;
- (v) develop written policies and rules to govern tobacco smoking, including a rule that smoking is prohibited in bedrooms except where supervision is provided in the bedroom by a member of the nursing home staff;
- (w) ensure that large non-combustible ashtrays are provided in each area where tobacco smoking is permitted;
- (x) ensure that fire alarm heat detectors and sprinkler heads are not covered with paint or any other material that is likely to prevent their proper operation.

(2) Where there is a defect or malfunction in the fire alarm system, the sprinkler system, fire extinguishers, hoses or standpipes, such defect or malfunction shall be reported to the Director, by telephone, immediately upon discovery of the defect or malfunction, and the administrator shall advise the Director as to the safety precautions that are intended to be taken in the nursing home to deal with the defect or malfunction. O. Reg. 354/80, s. 41.

42. Every nursing home that is located in a municipality that does not have public fire protection shall be provided with a complete automatic sprinkler system of a type that is approved by the Underwriters' Laboratories of Canada. O. Reg. 354/80, s. 42.

#### ADMISSION OF RESIDENTS

43. Where the physical or mental condition of a person is such that, in the opinion of his physician or the Director, the person cannot be properly cared for in a nursing home, the person shall not be admitted to a nursing home or remain as a resident. O. Reg. 354/80, s. 43.

44. A person shall not be admitted as a resident without,

- (a) his consent; or
- (b) where he is mentally or physically incapable of giving consent, the consent of his next-of-kin or legal representative, as the case may be. O. Reg. 354/80, s. 44.

45. No person shall be admitted into an extended care unit as an extended care resident unless an application for extended care insured service has been submitted by him or on his behalf and he is assessed as a

person eligible for extended care under the Ontario Health Insurance Plan. O. Reg. 354/80, s. 45.

46.—(1) No person shall be admitted into an extended care unit as an extended care resident unless he has had a medical history taken and a physical examination carried out prior to his admission.

(2) A report of the medical history and the physical examination of every resident shall be recorded on the resident's file within seven days after the date he becomes a resident. O. Reg. 354/80, s. 46.

47.—(1) Except as provided in this section, the provisions of this Regulation relating to the care and treatment of an extended care resident shall not apply while a resident is temporarily absent from the nursing home on a leave of absence in accordance with this section.

(2) Where an extended care resident takes a leave of absence, the licensee shall ensure that,

- (a) an order for the leave of absence has been signed by or on behalf of an attending physician;
- (b) the attending physician or person signing on his behalf has made an order specifying the duration of the leave of absence and the medical care required for the resident during the leave of absence;
- (c) he receives a written undertaking from an adult who he believes is capable of fulfilling the undertaking,
  - (i) to take all reasonable steps to ensure the medical care ordered by the attending physician or person signing on his behalf is provided to the resident,
  - (ii) to notify the nursing home staff promptly if the resident is admitted as an in-patient to a hospital referred to in paragraph 15 of section 1, and
  - (iii) to otherwise assume full responsibility for the care, safety and well being of the resident; and
- (d) accommodation in the extended care unit is available for the resident on his return thereto at the termination of the leave of absence, except where notification is received that the resident has been admitted to a hospital referred to in paragraph 15 of section 1.

(3) Where an extended care resident who is on a leave of absence is admitted to a hospital referred to in paragraph 15 of section 1, he shall notify the nursing home staff of such admission as soon as practicable in the circumstances. O. Reg. 354/80, s. 47.

## DISCHARGE

48.—(1) No administrator shall discharge a resident from a nursing home except in accordance with this section.

(2) Except as provided in subsection (4), no resident shall be discharged from a nursing home unless,

- (a) a discharge order by the attending physician has been recorded on the medical record;
- (b) arrangements have been made to provide services and accommodation suitable to meet the needs of the resident being discharged; and
- (c) the resident and his next-of-kin or legal representative, as the case may be, have been notified of the proposed discharge twenty-four hours prior to the discharge of the resident from the nursing home.

(3) When a resident of a nursing home is to be admitted to a hospital, and circumstances do not permit the twenty-four hours notice required under clause (2) (c), the next-of-kin or legal representative shall be notified as soon as possible of the proposed discharge of the resident.

(4) A resident who wishes to terminate arrangements for care with a nursing home may be discharged by the administrator only after the resident, or where he lacks the mental capacity, his legal representative, has signed a statement stating that the resident wishes to leave the nursing home and the resident's next-of-kin or legal representative, as the case may be, has been notified within twenty-four hours of the discharge. O. Reg. 354/80, s. 48.

49. Where the physical or mental condition of a resident is such that, in the opinion of the resident's attending physician, the resident cannot properly be cared for in a nursing home, the physician shall,

- (a) arrange for the resident to be admitted to a hospital or other facility best suited to provide the care required by the resident; and
- (b) record the order on the medical record of the resident. O. Reg. 354/80, s. 49.

50.—(1) Every licensee of a nursing home shall arrange to have an advisory physician for the nursing home and shall obtain a written statement signed by the advisory physician that states that the physician will carry out the duties prescribed in subsection (3).

(2) A licensee shall forthwith after appointing an advisory physician notify the Director in writing of the name, address, telephone number and date of appointment of the advisory physician and shall notify the Director of any changes in any of the information pertaining to the advisory physician.

(3) Every advisory physician shall advise the administrator on matters relating to medical care in the nursing home including the quality of medical care. O. Reg. 354/80, s. 50.

51.—(1) No person shall be admitted to a nursing home unless he,

- (a) has undergone, prior to his admission as a resident, a physical examination and has had a medical history taken;
- (b) delivers to the administrator of the nursing home in which the person intends to become a resident, a report of the medical history and physical examination referred to in clause (a), within seven days after the person becomes a resident of the nursing home; and
- (c) has a copy of a diagnosis and written orders from a physician indicating the treatment and nursing care to be given the resident and such diagnosis and orders shall accompany the resident on his admission to the nursing home or be delivered to the nursing home within twenty-four hours thereafter.

(2) A resident or,

- (a) his next-of-kin or legal representative, as the case may be; or
- (b) where the resident, his next-of-kin or legal representative are unable so to do, the administrator,

shall retain a physician to attend the resident and provide him with medical care.

(3) A physician who is retained under subsection (2) shall,

- (a) visit the resident and review the resident's medication and diet at least once every three months;
- (b) make an annual physical examination of the resident and file with the administrator a written report of the examination and the physician's findings on the examination;
- (c) where the resident is receiving extended care, make a reassessment of the resident six months after his annual physical examination and complete any report required by the Ontario Health Insurance Plan as to the resident's need for continuing nursing care; and
- (d) make such additional attendances, in addition to those referred to in clauses (a), (b) and (c), as the resident's condition requires. O. Reg. 354/80, s. 51.

52. Where a physician has been retained to provide a person who is or is to be a resident with medical care

and the physician does not comply with the requirements of section 51, the administrator shall request the physician to comply with the requirements of section 51 and if the physician does not do so, the administrator, after consultation with the resident, his next-of-kin or legal representative, as the case may be, shall retain another physician to provide the resident with the medical care. O. Reg. 354/80, s. 52.

53. Every administrator shall make arrangements for a physician to be on call to provide emergency services when a resident's physician or substitute physician is not available. O. Reg. 354/80, s. 53.

54.—(1) Where a resident suffers an injury, the administrator shall retain a physician as soon as possible,

- (a) to examine and report on the condition of the resident; and
- (b) to provide any necessary treatment.

(2) Where a resident suffers an injury that, in the opinion of the physician referred to in subsection (1), is a serious injury, the administrator shall forthwith notify the resident's next-of-kin of the injury. O. Reg. 354/80, s. 54.

55.—(1) An apparatus for restraining a resident shall be applied to a resident only,

- (a) when necessary to protect the resident from injury to himself or others; and
- (b) on the written order of a physician who has attended the resident and approved the apparatus as appropriate for its intended use in restraining the resident.

(2) Where it is not possible in a situation set out in clause (1) (a) to obtain an order of a physician referred to in clause (1) (b), an apparatus for restraining a resident may be applied on the order of the registered nurse in charge provided that a physician's order is obtained within twelve hours of the application of the restraint.

(3) Subject to subsection (4), no order for a restraint under subsection (1) or (2) shall be enforced for a period exceeding twelve hours.

(4) Where a situation appears to warrant the use of a restraint on a resident for a period exceeding twelve hours, a reassessment of the need for the restraint shall be carried out by the registered nursing staff of the nursing home and where the reassessment indicates that the continued use of the restraint is warranted, the restraint may be used for a further period of up to twelve hours and a further reassessment shall be carried out for each subsequent twelve hour period.

(5) Where an apparatus for restraining a person is applied to a resident, the apparatus shall,

- (a) be designed so as not to cause physical injury to the resident;
- (b) be designed so as to cause the least possible discomfort to the resident; and
- (c) be examined and the resident's position changed at least every hour by a registered nurse or a registered nursing assistant.

(6) Subject to the provisions of this section, every nursing home shall have written policies and procedures governing the application and use of physical restraints on residents. O. Reg. 354/80, s. 55.

#### NURSING CARE

56.—(1) Every resident shall be given nursing care in accordance with his needs and the care shall be given under the supervision of a registered nurse or a registered nursing assistant as directed by a physician.

(2) A thorough assessment of each resident's needs shall be made on a regular basis by the registered nursing staff and a care plan shall be devised for every resident.

(3) A reassessment of each resident's needs shall be made on a regular basis and the resident's care plan shall be revised where the reassessment indicates that this is required.

(4) Where a resident's attending physician so requires, a resident's vital signs shall be observed and recorded regularly by the registered nursing staff and the information shall be reported to the physician as he directs.

(5) The nursing staff shall provide restorative nursing care to a resident who requires such care and in particular to one who requires bladder or bowel training, gait training, care of weak or paralyzed limbs, or maintenance of range of joint movements.

(6) The nursing staff shall give to a resident who is confined to bed or to a bed-chair, care that includes turning every two hours, positioning and measures to prevent skin disorders or care for skin disorders.

(7) The nursing staff shall instruct residents in the use of self-care devices.

(8) The nursing staff shall ensure that residents who are confined to bed or who are incontinent have a complete bath daily or more frequently where necessary to maintain cleanliness and that ambulant residents have a complete bath at least once a week.

(9) The nursing staff shall ensure that proper and sufficient care of each resident's body is provided to safeguard the resident's health and to maintain personal hygiene.

(10) Each resident's bed clothing shall be kept clean and free from odours and residents' bed linen shall be changed at least twice a week.

(11) The nursing staff shall use proper sterile nursing techniques at all times.

(12) All nursing equipment shall be maintained in a good state of repair, be properly cleaned and be readily available for use and a supply of nursing equipment adequate to meet the needs of the nursing home shall be on hand at all times. O. Reg. 354/80, s. 56.

#### NURSING CARE FOR EXTENDED CARE RESIDENTS

57.—(1) Every nursing home shall provide a minimum of one and a half hours of nursing and personal care each day to each extended care resident and the care shall be given under the supervision of a registered nurse or registered nursing assistant and under the direction of a physician.

(2) Subject to subsection (3), the minimum amount of nursing and personal care that shall be given to each extended care resident each week by a person referred to in column 1 of the following Table shall be that amount of time set out opposite thereto in column 2 of the following Table:

TABLE

Item	COLUMN 1	COLUMN 2
	Staff Category	Minimum Amount of Time
1	Registered nurse . . . . .	$\frac{3}{4}$ hour
2	Registered nursing assistant	1 $\frac{1}{2}$ hours
3	Health Care Aide . . . . .	8 $\frac{1}{4}$ hours
4	TOTAL . . . . .	10 $\frac{1}{2}$ hours

(3) The Director may, having regard to the mental and physical condition of a resident, require that an extended care resident receive an amount of care in excess of that set out in subsection (2).

(4) Notwithstanding subsection (2), an extended care resident shall be given the nursing and personal care in accordance with his needs that is ordered by his physician.

(5) Time given to housekeeping, laundering or cooking duties by a registered nurse, registered nursing assistant or health care aide shall not be included in calculating the nursing and personal care time of a registered nurse, registered nursing assistant or health care aide required to be given under subsection (2).

O. Reg. 354/80, s. 57.

#### NURSING CARE FOR INTERMEDIATE CARE RESIDENTS

58.—(1) Every nursing home shall provide a minimum of seven hours and a maximum of ten and a half hours of nursing and personal care for each inter-

mediate care resident each week and of this a minimum of one-half hour per week shall be provided by a registered nurse and the remainder shall be provided by a registered nurse, a registered nursing assistant or a health care aide.

(2) Every intermediate care resident in a nursing home shall be attended by a registered nurse on a daily basis.

(3) The intermediate care unit of a nursing home shall be staffed at all times by a registered nurse, registered nursing assistant or health care aide and at no time shall the ratio of nursing staff be less than one member of the nursing staff for every twenty residents in the intermediate care unit.

(4) Time given to housekeeping, laundering or cooking duties by a registered nurse, registered nursing assistant or health care aide shall not be included in calculating the nursing and personal care time of a registered nurse, registered nursing assistant or health care aide required to be given under subsection (1).

O. Reg. 354/80, s. 58.

#### NURSING STAFF

59.—(1) Every administrator shall ensure that there is a twenty-four hour nursing service provided in the nursing home to meet the residents' needs.

(2) The nursing staff of a nursing home shall be organized into shifts, to be known as the day shift, the afternoon shift and the night shift such that,

(a) the day shift shall not commence earlier than 6 a.m. nor later than 2 p.m.;

(b) the afternoon shift shall not commence earlier than 2 p.m. nor later than 6 p.m.; and

(c) the night shift shall not commence earlier than 10 p.m. or later than 2 a.m. O. Reg. 354/80, s. 59.

60.—(1) Every nursing home shall have a registered nurse who is designated as the director of nurses, and who is responsible for,

(a) the organization, direction and evaluation of nursing care;

(b) directing the work of the nursing staff in the nursing home; and

(c) the organization and direction of in-service training programs for nursing staff.

(2) Every nursing home shall conduct in-service training programs for all nursing staff in the nursing home at least once a month.

(3) In addition to the time required to be spent on duty as a registered nurse under subsection 57 (2), the director of nurses shall in his capacity as director of

nurses, work at least the hours set out in column 2 opposite the size of nursing home set out in column 1 of the following Table:

TABLE

	COLUMN 1	COLUMN 2
Item	Number of Beds	Minimum Number of Hours per Week on Duty as Director of Nurses
1	0-19	4 hours
2	20-29	8 hours
3	30-39	16 hours
4	40-65	24 hours
5	66-80	32 hours
6	over 80	40 hours

(4) Every nursing home shall have a registered nurse on call at all times, who shall be a regular member of the nursing staff.

(5) Every nursing home shall have on staff at all times a sufficient number of nursing personnel to provide the care required to be given under subsection 57 (2) and subsection 58 (1). O. Reg. 354/80, s. 60.

61. Every extended care unit shall have at least,

- (a) one registered nurse on duty during each day shift;
- (b) one registered nursing assistant on duty during each afternoon shift; and
- (c) one registered nursing assistant on duty during each night shift. O. Reg. 354/80, s. 61.

#### DENTAL CARE

62. Where a resident, or a physician attending a resident, informs the administrator that the resident is in need of the services of a dentist, the administrator shall arrange for the resident to receive, at the expense of the resident, the services of a dentist. O. Reg. 354/80, s. 62.

#### ADMINISTRATION OF DRUGS

63.—(1) Every administrator is responsible for the administration and enforcement in the nursing home of the provisions of this Regulation relating to drugs.

(2) No drug shall be taken by or administered to a resident except on the individual prescription or written direction of the prescriber attending the resident.

(3) No person except a physician, dentist, registered nurse or registered nursing assistant shall administer a drug to a resident.

(4) No administrator shall permit more than a three months supply of a drug to be stored for a resident.

(5) Every drug of a resident shall be kept in the original container bearing the original label unless transferred to another container or relabelled on the direction of and under the direct supervision of a prescriber or pharmacist, and when the drug is so transferred the second container shall be labelled in accordance with section 64.

(6) Where a drug or drug treatment for a resident is to be temporarily discontinued or modified, the prescriber who directs the discontinuation or modification shall so indicate, in writing, on an order sheet kept for that purpose, and where a permanent change in dosage is ordered, the directions for use on the container label shall be changed in accordance with the new directions. O. Reg. 354/80, s. 63.

64.—(1) Every resident's individual prescription container shall be marked in accordance with section 152 of the *Health Disciplines Act*.

(2) Drugs of a resident that are for external use only shall be so labelled.

(3) All drugs that are transferred under subsection 63 (5) and that are not labelled in accordance with the requirements of subsections (1) and (2) shall be destroyed or removed from the nursing home. O. Reg. 354/80, s. 64.

65.—(1) A drug for a resident, other than a drug that requires refrigeration, shall be stored in a drug cabinet or storeroom that is in a convenient location for the nursing staff.

(2) A drug that requires refrigeration shall be kept in a locked box in a refrigerator.

(3) Every drug cabinet or storeroom shall be kept locked and the keys shall be under the control of a registered nurse who is on duty, or a registered nursing assistant on duty in the absence of a registered nurse or the administrator in the absence of a registered nurse and registered nursing assistant.

(4) Every drug shall be stored so that it is protected from heat, light or other environmental conditions that will adversely affect the drug.

(5) Every drug marked "For External Use Only" shall be stored only in a separate, locked cabinet maintained for this purpose and only within the general drug cabinet or storeroom.

(6) Every narcotic and every controlled drug shall be stored in a locked box or cabinet to be known as the narcotic cabinet.

(7) The narcotic cabinet shall be inside the general drug cabinet or storeroom and no other drug or other article shall be kept in the narcotic cabinet.

(8) No resident shall keep or be permitted to keep a drug on his person or in his room unless authorized by the resident's attending physician under such conditions as a physician may impose. O. Reg. 354/80, s. 65.

66. Every nursing home shall maintain a book to be known as the drug record book in which shall be recorded the following information concerning drugs that have been requisitioned and received in the nursing home:

1. The date the drug is ordered.
2. The signature of the person placing the order.
3. The name, strength and quantity of the drug.
4. The name of the place from which the drug is ordered.
5. The name of the resident for whom the drug is prescribed, where applicable.
6. The prescription number, where applicable.
7. The date the drug is received.
8. The signature of the person acknowledging receipt of the drug on behalf of the nursing home. O. Reg. 354/80, s. 66.

67. Except as provided in section 68, no prescription drug shall be purchased, kept or used in a nursing home unless it has been prescribed for a resident. O. Reg. 354/80, s. 67.

68.—(1) No prescription drug that has not been obtained for a resident on the prescription of a prescriber shall be purchased, kept or used in a nursing home unless the prescription drug is under the direct control of a pharmacist or physician.

(2) Where a nursing home purchases, keeps or uses a prescription drug referred to in subsection 1, the pharmacist or physician in control shall keep or cause to be kept,

- (a) a record of the name, strength and quantity of the prescription drug; and
- (b) the records required by the *Health Disciplines Act*, the *Food and Drugs Act* (Canada) and the *Narcotic Control Act* (Canada) for the receipt and sale or disposition of the prescription drug.

(3) A prescription drug referred to in subsection (1) shall be stored in a separate locked drug cabinet or storeroom accessible only to a pharmacist or physician. O. Reg. 354/80, s. 68.

69.—(1) A drug that has been provided for a resident by prescription shall be destroyed by the director of nurses in the presence of an inspector or by a pharmacist, or a physician, or removed from the nursing home by an inspector when the physician attending the resident orders that its use be discontinued or when the resident has been discharged or dies.

(2) Where a resident dies, written approval of the physician who has signed the death certificate shall be obtained before a drug that was provided for the resident is destroyed or removed.

(3) Where a drug is destroyed or removed, the director of nurses shall make a note in the resident's records and record in the prescription drug record book,

- (a) the date of destruction or removal of the drug;
- (b) the prescription number of the drug;
- (c) the pharmacy name;
- (d) the resident's name;
- (e) the drug name, strength and quantity; and
- (f) the reason for destruction or removal,

and the director of nurses and the inspector or pharmacist referred to in subsection (1) shall sign the record.

(4) Where a drug is removed from a nursing home the director of nurses shall furnish the inspector referred to in subsection (1) with a copy of the information required in clauses (3) (a), (b), (c), (d) and (e) and such information shall be signed by the director of nurses and the inspector.

(5) Where a resident is discharged or transferred, a drug that has been provided for the resident by prescription may be sent with the discharged or transferred resident after an entry is made in the drug record book that shall be signed by the resident's physician or dentist, as the case may be, stating,

- (a) the date;
- (b) the prescription number;
- (c) the pharmacy name;
- (d) the resident's name; and
- (e) the words "sent with resident".

O. Reg. 354/80, s. 69.

#### USE OF OXYGEN

70.—(1) No oxygen shall be used in a nursing home or be administered to a resident, except in accordance with this section.

(2) Oxygen shall be given to a resident only on the order of the resident's attending physician, the advisory physician or a physician called in an emergency.

(3) Oxygen shall be administered to a resident only by a physician, a registered nurse or a registered nursing assistant.

(4) The advisory physician shall ensure that written instructions are maintained in the nursing home that clearly set out the procedures for dealing with all emergency situations that may require oxygen therapy.

(5) Where the use of oxygen has been ordered,

- (a) all flammable solvents, cleaning fluids, ether, matches, lighters, candles and other like materials shall be removed from the room where the oxygen is to be used;
- (b) signs bearing the printed words "DANGER—NO SMOKING—OXYGEN IN USE" shall be placed in the room and at the entrance to the room where the oxygen is to be used;
- (c) oil or grease shall not be used at any time on oxygen equipment; and
- (d) the oxygen equipment shall be securely anchored.

(6) All oxygen equipment, together with accessories, including the "DANGER—NO SMOKING—OXYGEN IN USE" signs shall be stored in a readily accessible place so as to be available for immediate use when required.

(7) When oxygen storage containers are not in use, they shall be stored in,

- (a) a ventilated locked closet in the nursing home and the closet shall be lined with non-combustible material and shall not be used for any other purpose; or
- (b) a locked closet outside the nursing home.

(8) Every administrator shall establish and include in the fire safety procedures for nursing homes, a written set of instructions on the storage, handling and special hazards of oxygen, including the clear labelling of oxygen storage containers. O. Reg. 354/80, s. 70.

#### INDWELLING CATHETERS

71.—(1) A person with an indwelling catheter shall only be admitted to and maintained as a resident in a nursing home where the use of the indwelling catheter is on the written order of the person's physician.

(2) Where an indwelling catheter is ordered for a resident by a physician, the director of nurses shall ensure that a sufficient number of registered nurses properly qualified and trained in catheter care are on

duty to properly care for the resident and that there is an adequate supply of sterile equipment on hand in the nursing home.

(3) Where catheters are used in a nursing home they shall be pre-packaged sterile catheters and shall be used only once. O. Reg. 354/80, s. 71.

#### ACTIVITY PROGRAMS

72.—(1) Every administrator of a nursing home shall designate members of the nursing home staff who shall establish and implement on a regularly organized basis, social, physical and recreational activities and programs suitable for residents in a nursing home.

(2) Every administrator shall ensure that residents,

- (a) are involved in the planning of activities, outings and social functions; and
- (b) are consulted when decisions are being made regarding menu planning, timing of meals, interior decorating, changes in routine related to resident care, use of volunteers and volunteer programs, and any other matter affecting residents' life-style.

(3) Every nursing home shall provide and maintain, without charge to the residents, supplies and equipment appropriate for the activities and programs referred to in subsection (1). O. Reg. 354/80, s. 72.

#### NUTRITIONAL CARE

73.—(1) Every administrator shall ensure that the nursing home has food services staff on duty daily to attend to the nutritional needs of the residents.

(2) Every administrator shall employ a person who shall be responsible for the planning of menus and the management of food services in the nursing home and such person shall have knowledge of nutrition and experience in quantity preparation of food.

(3) On and after the first day of January, 1984, every nursing home shall have on staff a food services supervisor who shall be a person who is eligible for membership in the Canadian Food Service Supervisors Association. O. Reg. 354/80, s. 73.

74.—(1) Every administrator shall ensure that,

- (a) a minimum of three meals is served to each resident daily and that the meals provide sufficient caloric value to maintain each resident's average weight;
- (b) there is an alternate choice of food of equal nutrient value for each meal;
- (c) where modified and therapeutic diets and nutritional supplements are ordered in writing by a physician attending a resident, the

diets and supplements ordered are provided to the resident;

(d) a full breakfast is available to residents up to 8.30 a.m. in the morning, and the evening meal is not served before 5.00 p.m. in the evening;

(e) snacks and fluids are served to residents between meals and at bedtime; and

(f) each resident is supplied with an adequate amount of fluids throughout the day to prevent dehydration.

(2) Regular menus and therapeutic modifications of menus for residents for the whole of a current week shall be dated and posted in advance of the current week for reference by persons serving food and for residents, and any change to a meal shall be marked on the posted menu before the preparation of the meal is commenced.

(3) All menus referred to in subsection (2) shall be kept on file in the nursing home for three months.

(4) The same foods shall not be served in the same form on the same day, or on consecutive days nor shall the same food in the same form be served on the same day of consecutive weeks except where a majority of the residents indicate the contrary to the administrator. O. Reg. 354/80, s. 74.

75.—(1) Each resident shall be provided with at least the following food each day:

#### 1. Milk and Milk Products.

i. Children (eleven years of age and under) ..... 500 millilitres  
to  
750 millilitres

ii. Adolescents (twelve years of age and over and under eighteen years of age) ..... 750 millilitres  
to  
1,000 millilitres

iii. Adults (eighteen years of age and over) ..... 500 millilitres

#### 2. Fruits and Vegetables.

i. Two 125 millilitres servings of vegetables,

ii. Two 125 millilitres servings of fruits, or fruit juices fresh, frozen or canned, and

iii. One 125 millilitre serving of potatoes.

#### 3. Bread and Cereals.

Three to five servings of whole grain or enriched bread and cereals.

#### 4. Meat and Meat Alternates.

Two servings one of which is meat, fish, poultry or liver weighing sixty to ninety grams cooked and containing seven grams of protein for each thirty gram serving, and a second serving the same as the first or a meat alternate serving of equivalent protein content.

(2) In paragraph 1 of subsection (1) whiteners shall not be counted as milk or milk products.

(3) In paragraph 2 of subsection (1) fruit flavoured beverages shall not be counted as fruit or fruit juice. O. Reg. 354/80, s. 75.

76.—(1) Every nursing home shall have an adequate supply of perishable foods to meet the needs of the residents for at least a twenty-four hour period, and an adequate supply of non-perishable foods to meet the needs of the residents for at least a three day period.

(2) All food shall be stored in a sanitary manner and at proper temperature and humidity to prevent contamination or spoilage.

(3) Food that is stored in a freezer in a nursing home shall be freezer wrapped, and labelled to show the identity, amount, or weight and the date received.

(4) No powdered eggs shall be given to a resident unless the powdered eggs have been cooked.

(5) Food delivery receipts for food received in the nursing home shall be kept on file in the nursing home for six months from the date of the delivery of the food.

(6) Where there is a conflict between the provisions of Regulation 840 of Revised Regulations of Ontario, 1980 and the provisions of this Regulation, the provisions of this Regulation shall prevail.

(7) Every nursing home shall keep a copy of Canada's Food Guide, Revised 1977, posted,

(a) in the kitchen; and

(b) in a location in the nursing home where it is most likely to be seen by residents of the nursing home. O. Reg. 354/80, s. 76.

#### DEATHS

77.—(1) Where a resident dies in a nursing home his death shall be reported immediately to,

(a) a coroner by the person in charge in the nursing home at the time of the resident's death; and

(b) the resident's physician.

(2) Where the attending physician is satisfied that the death referred to in subsection (1) was from natural causes and the coroner has been notified of the resident's death, the body of the deceased resident may be moved to a private area in the nursing home.

(3) The attending physician shall make a written report indicating the cause and time of death of the resident and the report shall be retained in the deceased resident's file.

(4) A report of the time, date and circumstances of the death of a resident, the name and address of the person, if any, who claims the body and the date that notice of death is given to the coroner shall be attached to the deceased resident's records. O. Reg. 354/80, s. 77.

#### ADMINISTRATORS

78. Every nursing home shall have an administrator for the home who shall be responsible for its administration who shall be deemed to be an employee of the nursing home for the purposes of this Regulation. O. Reg. 354/80, s. 78.

79.—(1) No person shall be employed as an administrator in a nursing home unless,

- (a) he is eighteen years of age or over;
- (b) he undergoes the examinations, provides the certificates and otherwise meets and complies with the requirements of sections 82 and 83; and
- (c) where he has not been employed as an administrator in a nursing home in Ontario prior to the 27th day of April, 1972,
  - (i) he produces an Ontario Secondary School Graduation Diploma or evidence that the Minister considers equivalent thereto, or
  - (ii) he produces evidence satisfactory to the licensee of employment experience in work comparable to the administration of the nursing home for which his employment is contemplated.

(2) Notwithstanding subsection (1) and subject to subsection (4), on and after the 1st day of January, 1984, every nursing home shall only employ as an administrator a person who is enrolled in the "Long Term Care Organization and Management Course" given by the Canadian Hospital Association.

(3) The employment of the person referred to in subsection (2) is conditional on successful completion of the course referred to within three years of the enrolment of the person in the course.

(4) A nursing home may, on and after the 1st day of January, 1984, employ as an administrator a person

who has, in the opinion of the Minister, equivalent qualifications to those set out in subsections (2) and (3). O. Reg. 354/80, s. 79.

80. No administrator shall be the administrator of more than two nursing homes, and where he administers two nursing homes he shall not work in any other capacity in any nursing home. O. Reg. 354/80, s. 80.

#### EMPLOYEES GENERAL

81. No person shall be employed in a nursing home unless he,

- (a) has a pre-employment examination by a physician not more than thirty days before his employment in the nursing home is to commence; and
- (b) obtains a certificate from the examining physician certifying that he is free from infectious disease and that he is, in the opinion of the examining physician, physically and mentally capable of working in a nursing home.

O. Reg. 354/80, s. 81.

82. Every employee in a nursing home shall undergo,

- (a) a medical examination each year and provide a certificate by the examining physician stating that the employee is free from infectious disease; and
- (b) where in the opinion of the administrator there is reason to believe that the employee is not physically or mentally capable of working in a nursing home such examination or tests, as may be required by the Director to make such a determination. O. Reg. 354/80, s. 82.

83. No person who is a carrier of or who has a communicable disease shall work in a nursing home at the time the disease is communicable. O. Reg. 354/80, s. 83.

84. Every nursing home shall establish and maintain an in-service training program for nursing home staff for both initial orientation and continuing education. O. Reg. 354/80, s. 84.

#### CLOSING OF A NURSING HOME

85.—(1) Where a licensee intends to cease to operate a nursing home, the licensee, shall not later than eight weeks before the date of the cessation, give notice in writing of his intention to cease the operation of the nursing home to,

- (a) the Director;
- (b) the administrator of the nursing home; and

- (c) each resident in the nursing home or his next-of-kin or his legal representative, as the case may be.

(2) Where notice is given under subsection (1) and a resident or his next-of-kin or his legal representative is unable to make other arrangements for the resident's care, the administrator shall include this information in the notice to the Director. O. Reg. 354/80, s. 85.

86. Where the licensee of a nursing home ceases to operate a nursing home, the licensee shall forthwith on such cessation deliver every resident's personal file that is kept or maintained in the nursing home to the Director or to such person as the Director may require in writing. O. Reg. 354/80, s. 86.

#### RECORDS

87. Every administrator of a nursing home shall,

- (a) maintain a separate personal file with respect to each resident; and
- (b) maintain in each resident's personal file,
  - (i) the medical and drug record of the resident; and
  - (ii) a written record of all other matters that are relevant to the resident including a copy of any incident report relating to the resident. O. Reg. 354/80, s. 87.

88. The medical record of a resident shall include,

- (a) a copy of the resident's application for insured services under the *Health Insurance Act*;
- (b) a written report of,
  - (i) the resident's medical history,
  - (ii) each physical examination of the resident by a physician,
  - (iii) diagnoses of the resident's condition,
  - (iv) orders for treatment of the resident, including,
    - (A) orders for the administration of drugs,
    - (B) orders for medication, and
    - (C) follow-up notes indicating the resident's condition at each visit, signed by the physician attending the resident;

- (c) a written copy of every telephone order for treatment of the resident given by a physician, together with the signature of the registered nurse or registered nursing assistant to whom the telephone order was given and the counter-signature of the physician who gave the telephone order;

- (d) where the resident is an extended care resident, daily nursing notes that are signed by the nurse in charge of the resident and that record every change in the resident's condition considered significant in the opinion of the nurse in charge of the resident; and

- (e) any records required to be kept under the provisions of the *Narcotic Control Act* (Canada) or Part III of the *Food and Drugs Act* (Canada). O. Reg. 354/80, s. 88.

89. Except as provided in section 86, the medical records of a resident shall be retained,

- (a) where the resident is discharged from the nursing home for a period of twenty years after the date of the discharge; or
- (b) where the resident dies in the nursing home, for a period of five years after the date of the death. O. Reg. 354/80, s. 89.

90. Every administrator of a nursing home shall maintain general records for the nursing home that shall include,

- (a) with respect to each person who is or was a resident in the nursing home, particulars of admission, transfer, leave of absence, notification of admission to a hospital, discharge, accident or death;
- (b) the date of each inspection by an inspector;
- (c) any written recommendations made by an inspector; and
- (d) particulars of each fire drill held in the nursing home. O. Reg. 354/80, s. 90.

91. Every administrator of a nursing home shall maintain personnel records for the nursing home that include for each person employed in the nursing home,

- (a) a written application for employment,
  - (i) signed by the employee,
  - (ii) stating the occupation of the employee,
  - (iii) the qualifications of the employee, including the employee's educational standing, occupational training and previous employment;
- (b) a health record; and

- (c) a record of daily hours of work. O. Reg. 354/80, s. 91.

92. Every administrator of a nursing home shall ensure that,

- (a) the medical record and written record in the personal file of each resident;
- (b) the personnel records; and
- (c) the general records,

in the nursing home are kept up-to-date at all times. O. Reg. 354/80, s. 92.

93. Except as provided in section 86,

- (a) the personal file of a resident; or
- (b) the personnel records of the nursing home,

shall not be removed from a nursing home by any person other than an inspector. O. Reg. 354/80, s. 93.

94.—(1) The following persons may inspect and receive information from a resident's medical or drug record and may reproduce and retain copies therefrom:

1. The resident's attending physician or dentist.
2. A member of the nursing staff or the pharmacist in the nursing home.
3. The administrator of another nursing home to which the resident has been transferred.

(2) No person other than a person referred to in subsection (1) may inspect or receive information from a resident's medical or drug record and may reproduce and retain copies therefrom. O. Reg. 354/80, s. 94.

95. Every occurrence in a nursing home of fire, assault, injury, communicable disease or death resulting from accident or an undertermined cause shall be reported forthwith in full detail on an incident report in Form 3 to the Director. O. Reg. 354/80, s. 95.

#### FINANCIAL RECORDS

96. Every licensee of a nursing home shall,

- (a) maintain current financial records;
- (b) maintain a separate record of moneys obtained from sources other than under the *Health Insurance Act*;
- (c) record the receipts, expenditures, assets, liabilities and equity of the nursing home;

(d) when requested by the Director, provide such information to the Director respecting the provision by the licensee of uninsured services to a resident or residents as is necessary for the Director to determine the services that were provided by the licensee;

(e) keep in the nursing home, an annual financial statement, that shall include a balance sheet, income statement and a statement showing the source and application of funds and that is audited by a public accountant licensed under the *Public Accountancy Act* and a statement as to whether in the opinion of the public accountant,

(i) he has received all the information and explanations he has required,

(ii) the financial statement is in accordance with the books and records of the nursing home, and

(iii) the financial statement has been prepared in accordance with the generally accepted accounting principles applied on a basis consistent with that of the previous year. O. Reg. 354/80, s. 96.

#### TRUST ACCOUNTS

97.—(1) Every administrator of a nursing home shall,

(a) establish and maintain a non-interest bearing trust account in a chartered bank or trust company in which he shall deposit all moneys entrusted to his care by a resident in the nursing home or by any trustee acting on behalf of a resident;

(b) provide a resident, or a trustee acting on behalf of a resident, with a written receipt for all moneys received by him for deposit in the trust account to the credit of such resident;

(c) maintain a separate book of account showing all deposits to and withdrawals from the trust account, the name of the resident for whom such deposit or withdrawal is made and the date of each deposit or withdrawal;

(d) where he has deposited in the trust account moneys received from a resident, make part or all of the moneys available to such resident upon the resident providing him with a written receipt therefor;

(e) where he has deposited in the trust account moneys received from a trustee on behalf of a resident, make part or all of the moneys available to such resident only in accordance with the written instructions of the trustee;

(f) with respect to each resident on whose behalf money is deposited in the trust account to the credit of such resident, retain in his possession for a period of not less than six years,

(i) the deposit books, deposit slips, pass-books, monthly bank statements, cheque books and cancelled cheques applicable to the trust account referred to in clause (a),

(ii) the book of account referred to in clause (c),

(iii) the written receipts referred to in clause (d), and

(iv) the written instructions of the trustee referred to in clause (e); and

(g) on the written demand of a resident, or his authorized agent, or a trustee acting on behalf of a resident, make the material referred to in this subsection available for inspection by the resident, his agent or his trustee, at reasonable hours during any business day.

(2) The trust account established under subsection (1) shall be audited annually by a public accountant licensed under the *Public Accountancy Act*. O. Reg. 354/80, s. 97.

TABLE 1

	COLUMN 1	COLUMN 2	COLUMN 3
	Effective Period	Monthly Co-payment	Daily Co-payment
1.	On or after the 1st day of November, 1980.	\$347.35	\$11.42

O. Reg. 354/80, Table 1; O. Reg. 655/80, s. 1; O. Reg. 858/80, s. 1, *revised*.

TABLE 2

	COLUMN 1	COLUMN 2	COLUMN 3
	Effective Period	Monthly Payment for Private Accommodation	Daily Payment for Private Accommodation
1.	On or after the 1st day of May, 1980.	\$304.16	\$10.00

O. Reg. 354/80, Table 2.

TABLE 3

	COLUMN 1	COLUMN 2	COLUMN 3
	Effective Period	Month Payment for Semi-private Accommodation	Daily Payment for Semi-private Accommodation
1.	On or after the 1st day of May, 1980.	\$152.08	\$5.00

O. Reg. 354/80, Table 3.

Form 1

Nursing Homes Act

APPLICATION FOR A LICENCE TO ESTABLISH OR  
MAINTAIN AND OPERATE A NURSING HOME

GENERAL INFORMATION (To be completed by owner of nursing home business)

1. Present Licence Number .....
- Date of Expiration .....
2. Name of Nursing Home .....
- Address .....
- Telephone Number .....

	Adults	Children
Total bed capacity		
Extended Care		
Intermediate Care		

3. Is Applicant
- i. An individual

ii. A partnership

iii. A company
- ☐☐☐

4. Name(s) and Address(es) of Applicant(s),

If an individual or a partnership:

- i. Name .....

Address .....

Telephone Number .....
- ii. Name .....

Address .....

Telephone Number .....
- iii. Name .....

Address .....

Telephone Number .....

If a company: (attach copy of certificate of Incorporation with names and personal addresses of designated officers and directors.)

- Name .....
- Address .....
- Telephone Number .....

5. Has the applicant, or any director or officer of the applicant, been convicted under any law of any country or state or province thereof, of a criminal offence or are there any proceedings now pending?

☐ Yes

☐ No

If yes, give full particulars and information whether a pardon has been granted.

6. Does Applicant own the nursing home premises?

Yes

☐ No

☐

7. Name of Administrator

Personal Address

Personal Telephone Number

8. Has the administrator been convicted under any law of any country or state or province thereof, of a criminal offence or are there any proceedings now pending?

☐ Yes

☐ No

If yes, give full particulars and information whether a pardon has been granted.

9. Name of Advisory Physician

Address

Telephone

Agreement Written

☐

10. Name of Emergency Physician

Address

Telephone Number

Agreement Written

☐

Verbal

☐

11.

Staff

Name

Registration Number

Hours Worked per week

i. Registered Nurses, Director

ii. Registered Nursing Assistants

iii. Health Care Aides

Number of Persons

Hours Worked per week

12.

i. Dietitian

Cook(s)

Kitchen helpers

- ii. Housekeeping (laundry, maintenance, cleaning, etc.) . . . . .
- iii. Pharmacist . . . . .
- iv. Activity Director . . . . .
- v. Other . . . . .

	Yes	No	Number of Residents
	<u>          </u>	<u>          </u>	<u>          </u>
Do you admit as residents persons eligible for admission to a licensed nursing home under the <i>Homes for Special Care Act</i> and Regulation 501 of Revised Regulations of Ontario, 1980?	....	....	.....

Signature(s) of applicant(s). If an incorporated company, signature of President and Secretary.

.....  
.....

Date .....

O. Reg. 354/80, Form 1.

Form 2

*Nursing Homes Act*

NURSING HOME LICENCE

Under the *Nursing Homes Act* and the regulations and subject to the limitations thereof, this licence is issued to:

.....  
(name of licensee)

of .....  
(address of licensee)

to establish, operate and maintain a nursing home at  
.....  
(address of nursing home)

The number of residents authorized to be lodged in the nursing home at one time is as follows;

- 1. Extended care: .....
- 2. Intermediate care: .....
- 3. Total: .....

.....  
Director

Date issued .....

Expiry date .....

Licence Number .....

Bed Capacity

Extended care: .....

Intermediate care: .....

Total: .....

Expiry date: .....

O. Reg. 354/80, Form 2.

Form 3

Nursing Homes Act

INCIDENT REPORT

1. Name of nursing home .....

2. Address of nursing home .....

3. Date of incident .....

i. time of incident .....a.m. ....p.m.

4. Name of resident .....

i. year of birth .....

5. Type of incident:

i. injury ..... ☐

ii. medication error ..... ☐

iii. treatment error ..... ☐

iv. communicable disease ..... ☐

v. assault ..... ☐

vi. fire ..... ☐

vii. death ..... ☐

6. Brief description of incident:

.....

.....

.....

.....

.....

.....

7. Name of person who discovered or observed incident:  
.....

8. Category of person who discovered or observed incident:  
i. registered nurse .....  
ii. registered nursing assistant .....  
iii. nurses aide .....  
iv. administrator .....  
v. other .....

9. Was resident sent to hospital?  
yes ☐ no ☐

10. Name of hospital.....

11. Time when physician notified.....a.m. ....p.m.

12. Name of physician notified .....

13. Physician notified by .....

14. Attending physician's diagnosis and treatment:  
.....  
.....  
.....  
.....

15. Signature of attending physician: -  
.....

16. Mental condition of resident before incident:  
i. well oriented ..... ☐  
ii. slightly confused ..... ☐  
iii. very confused ..... ☐  
iv. unco-operative ..... ☐  
v. language barrier ..... ☐  
vi. sedation within.....hours before incident..... ☐

17. Was coroner notified?  
yes ☐ no ☐

18. Name of coroner:  
.....

19. Were relatives or friends of resident notified?

yes ☐      no ☐

20. Date of report .....

21. Signature

.....  
(administrator)

or

.....  
(registered nurse in charge)

NOTES:

1. Send or deliver this report to:

The Director,  
Nursing Homes Program,  
Ministry of Health,  
Hepburn Block,  
80 Grosvenor Street,  
Toronto, Ontario M7A 1R3

2. Place a copy of this report in the resident's personal record file.

O. Reg. 354/80, Form 3.

Form 4

*Nursing Homes Act*

FIRE ALARM SYSTEM INSPECTION CERTIFICATE

Name of Nursing Home .....

1. Were all circuits tested electronically?

Yes..... No.....

2. i. Are all detectors, circuits, sounding devices and manual stations properly wired and electrically supervised?

Yes..... No.....

ii. If not, list any deficiencies found .....  
.....

3. i. Were any components replaced?

Yes..... No.....

ii. If so, identify components replaced and their location .....  
.....

4. Were all manual stations checked?

Yes..... No.....

5. Are batteries approved for fire alarm systems?

Yes..... No.....

6. i. Is standby power other than batteries?

Yes..... No.....

ii. Specify: .....  
.....

7. Are all components U.L.C. or C.S.A. approved and installed according to their listing?

Yes..... No.....

8. Was fire department transmission line tested, if any?

Yes..... No.....

9. Does the system incorporate?

i. air expansion detection devices ..... Yes..... No.....

ii. sprinklers ..... Yes..... No.....

iii. products of combustion detectors ..... Yes..... No.....

10. Is the visible and audible remote control alarm in operating condition?

Yes..... No.....

11. Are the "Power On" and "Trouble" signals in operating condition?

Yes..... No.....

12. Was the sprinkler system, if any, flow tested?

Yes..... No.....

13. i. Are there any other deficiencies in the fire alarm system?

Yes..... No.....

ii. Specify: .....  
.....

What action is being taken to correct the deficiencies?  
.....  
.....

15. Describe any work done on the fire alarm system .....  
.....

Date ..... Signed .....

Company represented .....

## REGULATION 691

under the Occupational Health and Safety Act

### CONSTRUCTION PROJECTS

#### INTERPRETATION

#### 1. In this Regulation,

1. "adequate" means adequate to protect a person from the risk of damage to his body or health and "adequately" has a corresponding meaning;
2. "allowable unit stress" means,
  - i. the allowable unit stress assigned to a material by the *Building Code*, being Regulation 87 of Revised Regulations of Ontario, 1980, or
  - ii. where the *Building Code*, being Regulation 87 of Revised Regulations of Ontario, 1980, does not assign an allowable unit stress to the material, the allowable unit stress for the material as determined by a professional engineer in accordance with good engineering practice;
3. "boom" means the projecting part of a backhoe, shovel, crane or similar lifting device from which a load is likely to be supported;
4. "caisson" means a casing being sunk or constructed below ground or water level whether or not it is designed to contain air above atmospheric pressure and includes an excavation drilled by an auger into which a worker enters or is required to enter to work, but does not include a water well or a well within the meaning of the *Petroleum Resources Act*;
5. "cofferdam" means a structure constructed all or in part below water level or below the level of the water table in the ground and intended to provide a place in which to work that is free of water;
6. "conduit" means,
  - i. a sewer,
  - ii. a water main,
  - iii. a duct or cable for a telegraphic, telephonic, television or electrical service,
  - iv. a pipe or duct for the transportation of any solid, liquid or gas, or
  - v. any combination of subparagraphs i, ii, iii and iv,and includes any service connection made or intended to be made thereto;
7. "depth" means the vertical dimension from the highest point of an excavation to a point level with the lowest point of the excavation;
8. "Director" means the Director of the Construction Health and Safety Branch of the Ministry of Labour;
9. "extension trestle ladder" means a combination of a trestle ladder and a vertically-adjustable single ladder with suitable means for securely locking the ladders together;
10. "falsework" means the structural supports and bracing for forms;
11. "flammable liquid" means any liquid having a flash point below 37.8°Celsius and having a vapour pressure not exceeding 275 kilopascals absolute at 37.8°Celsius;
12. "form" means the mould into which concrete is placed;
13. "lifejacket" means a personal flotation device that provides buoyancy adequate to keep a worker's head above water, face up, without effort by the worker;
14. "magazine" means a place in which explosives are stored or kept, whether above or below ground;
15. "means of egress" means a way or ladder leading to an exit from a building, structure, excavation or other part of a project;
16. "professional engineer" means a person who is registered as a professional engineer or a person who is licensed as a professional engineer under the *Professional Engineers Act*;
17. "public way" means a sidewalk, street, highway, square or other open space to which the public has access, as of right or by invitation, expressed or implied;
18. "safety belt" means a combination of,
  - i. a belt worn around the waist of a worker,

- ii. all necessary fittings, and
  - iii. a lanyard attached to the belt referred to in subparagraph i;
19. "safety harness" means a combination of,
- i. a belt worn around the waist of a worker, and
  - ii. straps attached to the belt that pass over the worker's shoulders and around his legs with the necessary fittings and a length of rope,
- suitable for raising him by the rope without permitting him to bend at the waist;
20. "safety net" means a net so placed and supported as to safely arrest any worker who may fall into it;
21. "service shaft" means a shaft for the passage of persons or materials to or from a tunnel under construction;
22. "shaft" means an excavation having a longitudinal axis at an angle greater than 45 degrees from the horizontal,
- i. for the passage of persons or materials to or from a tunnel, or
  - ii. leading to an existing tunnel;
23. "suitable" means suitable for the purpose of protecting a person from the risk of damage to his body or health;
24. "trench" means any excavation in the ground where the vertical dimension from the highest point of the excavation to the point level with the lowest point of the excavation exceeds the least horizontal dimension of the excavation, such dimensions being taken in a vertical plane at right angles to the longitudinal centre line of the excavation, but does not include a shaft, caisson or cofferdam, or a cutting for the right of way of a public highway or railway;
25. "tunnel" means a subterranean passage made by excavating beneath the overburden, into which a worker enters or is required to enter to work;
26. "underground" means within the confines of any shaft, tunnel, caisson or cofferdam;
27. "vehicle" means a vehicle propelled or driven by mechanical power and includes a trailer, traction engine, tractor and road-building machine. O. Reg. 659/79, s. 1.

## PART I

## ADMINISTRATION

## APPLICATION

2. Parts I and II of this Regulation apply to all projects. O. Reg. 659/79, s. 2.

3.—(1) Every constructor, contractor or subcontractor engaged in construction and who is an employer of workers shall register with the Director within thirty days of first employing any workers.

(2) A registration under subsection (1) shall be made by filing with the Director a statement setting out,

(a) in the case of an individual or sole proprietorship,

(i) the name in full, regular business address and business telephone number of the individual or sole proprietor, and

(ii) the residence address of the individual or sole proprietor;

(b) in the case of a partnership or syndicate,

(i) the name or style of the partnership or syndicate,

(ii) the business address and telephone number of the partnership or syndicate and where the partnership or syndicate is composed of individuals the names in full and residence addresses of the individual members of the partnership or syndicate, and

(iii) where the partnership or syndicate is composed of an individual or individuals and a corporation or corporations, the particulars required by clause (a) and clause (c) for an individual or corporation, as the case may be;

(c) in the case of a corporation,

(i) the name of the corporation,

(ii) the date of incorporation,

(iii) the province or jurisdiction in which the corporation was incorporated,

(iv) the main business address and telephone number of the corporation,

(v) the names in full and residence addresses of the directors of the corporation

and the date when each became a director, and

(vi) the names in full and residence addresses of the principal officers of the corporation and the date when each became a principal officer;

(d) the type of construction in which the employer is regularly engaged;

(e) the average number of employees employed by the employer in the construction of projects or parts of projects;

(f) the firm number assigned to the employer by the Workmen's Compensation Board;

(g) the rate number assigned to the employer by the Workmen's Compensation Board; and

(h) whether or not, at the time of registration, the employer has had his assessment increased by the Workmen's Compensation Board under subsection 91 (7) of the *Workmen's Compensation Act*.

(3) The statement referred to in subsection (2) shall be verified by the certificate of the employer if an individual, a partner if the employer is a partnership or syndicate or by the president or a director if the employer is a corporation.

(4) Every employer shall notify the Director in writing of any change in the particulars that he has filed with the Director under subsection (2) within thirty days after the change has taken place and the notice shall specify the change and the date of the change. O. Reg. 659/79, s. 3.

#### NOTICE OF PROJECTS

4.—(1) The constructor of a project shall, before commencing work on the project, where,

(a) the total cost of labour and materials including labour and materials for work carried out by subcontractors exceeds \$50,000;

(b) the work is the new erection, major alteration or demolition of a building more than two storeys or more than 7.5 metres in height;

(c) the work is the new erection, major alteration or structural repair of a bridge, an earth-retaining structure or water-retaining structure more than three metres in height or a silo, chimney or any similar structure more than 7.5 metres in height;

(d) work in compressed air is to be carried out;

(e) a tunnel, caisson, cofferdam or well which a person may be required to enter or may enter for any purpose is to be constructed;

(f) a trench more than,

(i) 300 metres long, or

(ii) 1.2 metres deep and over thirty metres long,

and into which a worker is required to enter or may enter is to be excavated; or

(g) all or part of the permanent or temporary works are required by this Regulation to be designed by a professional engineer,

give to the Director notice in writing setting out,

(h) a description of the project;

(i) whether or not a shaft, tunnel, caisson or cofferdam is to be constructed as part of the project;

(j) the name and address of the constructor and of the owner;

(k) the municipal address of the project and its location with respect to the nearest common and public highway;

(l) the starting date and the anticipated duration of the work;

(m) the total cost of the project for labour and materials including labour and materials for work carried out by subcontractors; and

(n) the name of the supervisor in charge of the project.

(2) The constructor of a project shall, before commencing work on the project, where the project,

(a) requires a notice under subsection (1); and

(b) is not to be more than fourteen working days in duration,

in addition to complying with subsection (1), provide to an inspector at the nearest office of the Construction Health and Safety Branch of the Ministry by telephone the information contained in the notice in writing.

(3) A contractor or subcontractor shall, before commencing work on a trench more than 1.2 metres deep

and into which a worker is required to enter or may enter, notify by telephone an inspector in the office of the Construction Health and Safety Branch of the Ministry nearest to the proposed work.

(4) The constructor of a project shall, before commencing work on the project, post or have available for review on the project a copy of the notice required by subsection (1).

(5) Notwithstanding subsection (1), where it is necessary to do work on a project immediately in order to prevent injury to persons or damage to property, work on the project may be begun without complying with subsection (1), but, in any such case, the notice shall be given to the Director as soon as practicable after work on the project begins.

(6) Where a shaft, tunnel, caisson or cofferdam is to be constructed, the notice required under subsection (1) shall contain the following additional information:

1. Specifications of the proposed construction together with drawings showing profiles, transverse sections and plans of the shaft, tunnel, caisson or cofferdam.
2. Full details of all temporary and permanent ground support.

(7) The Director may by notice in writing designate that any part of a project shall be deemed to be an individual project for the purposes of the Act and this Regulation, and the person who undertakes all the work on the part designated to be an individual project shall be deemed to be the constructor of that part. O. Reg. 659/79, s. 4.

#### GENERAL REQUIREMENTS

5. A constructor shall, before commencing work and during the continuance of work on a project, affix and maintain in good condition,

- (a) a notice giving the constructor's name and the address and telephone number of his head office or principal place of business in Ontario and his business name if he carries on business in a name other than his own; and
- (b) a notice giving the address and telephone number of the head office and the nearest district office of the Construction Health and Safety Branch of the Ministry. O. Reg. 659/79, s. 5.

6.—(1) Subject to subsection (2), where a project is one for which notice is required under subsection 4 (1) and on which five or more workers are working at the

same time, the constructor shall appoint a supervisor. O. Reg. 845/79, s. 1.

(2) The supervisor shall supervise the work at all times either personally or have an assistant, who is a competent person, do so personally.

(3) All machinery and equipment, including fire extinguishing equipment, magazines, electrical installations, communication systems, sanitation and medical facilities, buildings and other structures, temporary supports and means of access and egress shall be inspected by a competent person,

- (a) as often as is necessary to ensure that they are in a safe condition; and
- (b) at least once a week.

(4) Such tests and observations as are necessary for the detection of hazardous conditions that may occur on the project shall be made by a competent person.

(5) Where the services of an ambulance are not reasonably available to a project, suitable alternate means of transportation for the transport of injured workers shall be prearranged. O. Reg. 659/79, s. 6 (2-5).

7.—(1) Subject to subsection (2), the minimum age of a person who may be in or about a project shall be sixteen years of age.

(2) Notwithstanding subsection (1), a person who has attained the age of fifteen years may be employed as a worker in or about a project if the person has, under the *Education Act*, been excused from attendance at school or is required to attend school only part time. O. Reg. 659/79, s. 7.

8. Where the project is one,

- (a) for which a notice is required under subsection 4 (1);
- (b) where police, fire, medical, hospital or ambulance services are reasonably accessible, and can be reached by telephone service,

a telephone shall be installed on the project, unless there is a telephone near the project that is readily accessible. O. Reg. 659/79, s. 8.

9. Where a record is required to be kept available for inspection under this Regulation, such record shall be kept for at least one year after the completion of the project to which it relates. O. Reg. 659/79, s. 9.

#### NOTICE OF ACCIDENTS

10.—(1) The written report required by section 25 of the Act shall include,

- (a) the name and address of the constructor and the employer;
  - (b) the nature and the circumstances of the occurrence and the bodily injury sustained;
  - (c) a description of the machinery or equipment involved;
  - (d) the time and place of the occurrence;
  - (e) the name and address of the person who was killed or critically injured;
  - (f) the names and addresses of all witnesses to the occurrence; and
  - (g) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury. O. Reg. 659/79, s. 10 (1); O. Reg. 845/79, s. 2.
- (2) For the purposes of section 26 of the Act, notice of,
- (a) an accident, explosion or fire which disables a worker from performing his usual work; or
  - (b) an occupational illness,
- shall include,
- (c) the name, address and type of business of the employer;
  - (d) the nature and the circumstances of the occurrence and the bodily injury or illness sustained;
  - (e) a description of the machinery or equipment involved;
  - (f) the time and place of the occurrence;
  - (g) the name and address of the person suffering the injury or illness;
  - (h) the names and addresses of all witnesses to the occurrence;
  - (i) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury or illness; and
  - (j) the steps taken to prevent a recurrence.
- (3) A record of an accident, explosion or fire causing injury requiring medical attention but not disabling a worker from performing his usual work shall be kept in the permanent records of the employer and include particulars of,
- (a) the nature and the circumstances of the occurrence and the injury sustained;

- (b) the time and place of the occurrence; and
- (c) the name and address of the injured person.

(4) A record kept as prescribed by subsection (3) for the inspection of an inspector shall be notice to the Director. O. Reg. 659/79, s. 10 (2-4).

#### NOTICE OF OCCURRENCES

11.—(1) The following incidents are prescribed as incidents at a project to which section 27 of the Act applies:

1. The overturning or major structural failure of a crane or similar hoisting machine.
2. The structural failure of all or part of falsework that was designed by or required by this Regulation to be designed by a professional engineer.
3. The structural failure of all or part of an earth or water-retaining structure, including the failure of the temporary or permanent supports for a shaft, tunnel, caisson, cofferdam or trench.
4. The structural failure of a principal supporting member of a building, including a column, beam, wall or truss.
5. The failure of the sloping walls of an excavation that have been cut and trimmed to a slope for which a professional engineer has given an opinion in writing that the stability of the slope will not endanger workers.
6. A worker falling a vertical distance of three metres or more.
7. A worker falling where his fall is arrested by a full body harness or a safety belt.
8. A worker becoming unconscious for any reason.
9. A contact made by a backhoe, shovel, crane or other similar lifting device or its load with a live power line at more than 750 volts.
10. The failure of all or part of the structural supports of a scaffold.

(2) A notice under subsection (1) shall set out the circumstances of the occurrence.

(3) Where the accidental occurrence involves the failure of,

- (a) temporary or permanent works; or
- (b) a structure,

for which a design by a professional engineer is required by this Regulation, the notice required by section 27 of the Act shall be supplemented within seven days by the opinion in writing of a professional engineer as to the cause for the accidental occurrence. O. Reg. 659/79, s. 11.

#### ALTERNATIVE METHODS AND MATERIALS

12. In applying this Regulation, a procedure and the composition, design, size and arrangement of any material, object, device or thing may vary from the procedure, composition, design, size or arrangement prescribed in this Regulation if the factors of strength, health and safety are equal to or greater than the factors of strength, health and safety in the procedure, composition, design, size or arrangement prescribed. O. Reg. 659/79, s. 12.

### PART II

#### GENERAL CONSTRUCTION

13. Every part of a project, including any temporary structure shall be,

- (a) capable of supporting; or
- (b) braced, either permanently or temporarily, to support,

all loads to which it may be subjected without exceeding the allowable unit stress for each material used. O. Reg. 659/79, s. 13.

14.—(1) During the construction of a building, temporary or permanent flooring shall be installed progressively as the building is erected.

(2) Subject to subsection (3), all work shall be carried out not higher than two storeys above the temporary or permanent flooring installed as prescribed by subsection (1).

(3) Where the vertical distance between the tiers of column splices exceeds two storeys, work may be carried out not higher than three storeys above the temporary or permanent flooring.

(4) Temporary flooring shall,

- (a) consist of material,
  - (i) capable of supporting any load to which it may be subjected, and
  - (ii) at least capable of supporting a load of 2.4 kilonewtons per square metre,

without exceeding the allowable unit stress for the material used;

(b) be securely fastened to and supported on girders, beams or other structural members capable of supporting any load likely to be applied to the flooring without exceeding the allowable unit stress for the material used; and

(c) extend over the whole area of the surface on, or above, which work is being carried out.

(5) Subsections (2) and (3) do not apply to work carried out,

- (a) from a scaffold;
- (b) above an area where the worker has the protection of a safety net; or
- (c) where the workers are protected from falling by means of parachute-type harnesses or safety belts attached to the project. O. Reg. 659/79, s. 14.

15. Where there is a danger of material falling on a worker, overhead protection consisting of material capable of supporting 2.4 kilonewtons per square metre without exceeding the allowable unit stress for the material used shall be provided at,

- (a) every means of access to and egress from a building or other structure under construction; and
- (b) above an area where work is being carried out. O. Reg. 659/79, s. 15.

16. Work shall not be performed in a,

- (a) trench;
- (b) shaft;
- (c) tunnel;
- (d) caisson; or
- (e) cofferdam,

unless a worker is working above ground,

(f) in close proximity to; or

(g) in close proximity to the means of access to, the trench, shaft, tunnel, caisson or cofferdam. O. Reg. 659/79, s. 16; O. Reg. 845/79, s. 3.

17.—(1) Signs, at least 150 millimetres in height, containing the word "DANGER" in clear legible letters, shall be posted in sufficiently prominent locations and in sufficient numbers to warn a worker of a hazard on the project.

(2) Without limiting the generality of subsection (1), signs in conformity with subsection (1) shall be posted,

- (a) adjacent to a hoisting area;
- (b) under a suspended scaffold;

- (c) at the outlet from a chute;
- (d) at a means of access to a place in which there may be,
  - (i) a lack of oxygen, or
  - (ii) a noxious gas, liquid, fume or dust present;
- (e) where there is a potential hazard from overhead power lines for electricity at more than 750 volts; and
- (f) at the entrance to a room or enclosure containing exposed live electrical parts, and

the sign shall forbid entry by any unauthorized person. O. Reg. 659/79, s. 17.

18. All areas in which a worker is present and the means of access to, and the means of egress from, those areas shall be adequately lit. O. Reg. 659/79, s. 18.

19. An internal combustion engine shall not be operated,

- (a) in an excavation or a trench unless provision is made to ensure that exhaust gases or fumes will not accumulate in the excavation or the trench; or
- (b) in a building or other structure that is enclosed, unless,
  - (i) the exhaust gases or fumes are discharged directly outside the building or structure to a point sufficiently remote to prevent the return of the gases or fumes, or
  - (ii) there is an adequate supply of air for combustion, and
  - (iii) there is adequate mechanical ventilation for exhaust gases or fumes.

O. Reg. 659/79, s. 19.

20.—(1) All measures shall be taken to ensure that a worker will not be endangered by the disconnection or repair of a pipeline under pressure.

(2) Where repairs or alterations are to be made on a drum, tank, pipeline or other container, the drum, tank, pipeline or other container shall,

- (a) have internal pressures adjusted to atmospheric pressure before any fastening is removed;
- (b) be drained, cleaned and ventilated or otherwise rendered free from any explosive, flammable or harmful substance; and
- (c) not be refilled while there is any risk of vaporising or igniting the substance which is being placed in the drum, tank, pipeline or other container. O. Reg. 659/79, s. 20.

#### PUBLIC WAY PROTECTION

21.—(1) Subject to subsection (2), where a building or other structure being constructed, altered, repaired, dismantled or demolished is located within 4.5 metres of a public way, work shall not be carried out on the project unless a covered way has been constructed over that part of the public way immediately adjacent to the project.

(2) Subsection (1) does not apply to a project where the work being done is totally enclosed or is at a distance of 4.5 metres or more from a public way. O. Reg. 659/79, s. 21.

22. Where a covered way is required under section 21 it shall,

- (a) have a clear height of not less than 2.4 metres;
- (b) have a clear width of not less than 1.5 metres or, where it is over a sidewalk that is less than 1.5 metres wide, have a width equal to the width of the sidewalk;
- (c) be capable of supporting any load likely to be applied to it and at least capable of supporting a load of 2.4 kilonewtons per square metre;
- (d) have a weather-tight roof;
- (e) be enclosed next to the project side with an enclosure that is smooth on the side facing the public way;
- (f) have a railing 1.0 metres high from ground level on the street side; and
- (g) where the public way has lighting, have lighting that is adequate for safe pedestrian traffic. O. Reg. 659/79, s. 22.

23.—(1) Where a pedestrian may be endangered from work on a project while using a public way adjacent to the project, a solidly constructed fence at least 1.8 metres in height shall be constructed between the public way and the project.

(2) Where a project is on, or adjacent to, a public way all machinery, equipment and material that might be a hazard to vehicular or pedestrian traffic shall be marked by flashing devices. O. Reg. 659/79, s. 23.

#### TRAFFIC CONTROL

24. Where a worker may be endangered by vehicular traffic on,

- (a) a project on a public way; or
- (b) a public way on a project,

he shall be protected by such of the following measures as are necessary for his protection:

1. Workers directing traffic by signs.

2. Warning signs.
3. Barriers.
4. Lane control devices.
5. Flashing lights or flares.

O. Reg. 659/79, s. 24.

25. A worker who is required to direct traffic shall be given written instructions in a language he can read and understand setting out the signals he is to use and the instructions shall be explained to him verbally. O. Reg. 659/79, s. 25.

26. A worker,

- (a) directing traffic; or
- (b) who may be endangered by vehicular traffic while he is working on a public way,

shall wear a vest which shall be reflective fluorescent and coloured blaze orange or red. O. Reg. 659/79, s. 26.

27. A sign used to direct traffic shall be,

- (a) diamond in shape;
- (b) made of material having the rigidity of plywood at least six millimetres thick;
- (c) forty-five centimetres in width and forty-five centimetres in length and mounted at one corner on a pole 1.2 metres in length;
- (d) red-orange reflective fluorescent in colour on one side with corner areas coloured black so that the red-orange area forms a regular eight-sided figure, and with the word "STOP" in clear legible white letters fifteen centimetres in height located in a central position on the sign;
- (e) chartreuse reflective fluorescent in colour on the other side, with the word "SLOW" in clear legible black letters fifteen centimetres in height located in a central position on the sign; and
- (f) maintained in a clean condition.

O. Reg. 659/79, s. 27.

#### PERSONAL PROTECTIVE CLOTHING, EQUIPMENT AND DEVICES

28. An employer shall require every worker in his employ to wear or use such personal protective clothing, equipment or device as is necessary for the worker's protection from the particular hazard to which the worker may be exposed. O. Reg. 659/79, s. 28.

29. A worker required to wear or use any protective clothing, equipment or device shall be instructed and trained in its care and use before wearing the protective clothing, equipment or device. O. Reg. 659/79, s. 29.

30.—(1) Subject to subsection (3), every worker shall wear a safety hat at all times.

(2) A safety hat shall,

- (a) consist of a shell and suspension that will adequately protect a worker's head against impact and from flying or falling small objects; and
  - (b) have a shell manufactured at a quality control level to withstand a dielectric strength test at 20,000 volts phase to ground.
- (3) Subsection (1) does not apply to a worker who,
- (a) is not exposed to the danger of injury to his head; and
  - (b) has a safety hat readily available for his personal use nearby. O. Reg. 659/79, s. 30.

31.—(1) Subject to subsection (3), every worker shall wear adequate safety footwear.

(2) Safety footwear shall,

- (a) consist of a shoe or boot;
- (b) have a box toe that will protect a worker's toes against injury due to impact and capable of resisting at least 100 joules impact; and
- (c) have a sole or insole that will protect a worker's feet against injury due to puncture and capable of resisting a penetration load of 1.3 kilonewtons when tested with a fifty millimetre common nail.

(3) Clauses (2) (b) and (c) do not apply to the footwear of a worker working on a part of a project where he is not exposed to the danger of injury to his toes or feet. O. Reg. 659/79, s. 31.

32. Where a worker is exposed to the hazard of eye injury he shall wear eye protection appropriate in the circumstances. O. Reg. 659/79, s. 32.

33. Where a worker is exposed to the hazard of injury from contact with his skin with,

- (a) a noxious gas, liquid, fume or dust;
- (b) a sharp or jagged object which may puncture, cut or abrade his skin;
- (c) a hot object, hot liquid or molten metal; or
- (d) radiant heat,

he shall be protected by,

- (e) wearing apparel sufficient to protect him from injury; or
- (f) a shield, screen or similar barrier,

appropriate in the circumstances. O. Reg. 659/79, s. 33.

34. Where a worker is likely to be exposed to the hazard of injury from,

- (a) inhaling a noxious gas, fume or dust; or
- (b) a lack of oxygen,

he shall be protected by adequate,

- (c) mechanical ventilation; or
- (d) respiratory equipment.

O. Reg. 659/79, s. 34.

35.—(1) Subject to subsection (6), where a worker is exposed to the hazard of falling,

- (a) more than three metres;
- (b) into operating machinery; or
- (c) into or onto hazardous substances or objects,

he shall wear a safety belt or parachute-type harness adequately secured to,

- (d) a fixed support; or
- (e) a lifeline that is securely fastened to the project,

or be protected by a safety net.

(2) A safety belt or parachute-type harness shall be so arranged that should a worker fall he will be suspended at a distance of not more than 1.5 metres below the position where he was situated for the purpose of working immediately prior to his fall.

(3) A fall arrest system shall not apply a peak fall arrest force greater than eight kilonewtons to a worker.

(4) Where a lanyard is used, it shall have a nominal diameter of at least sixteen millimetres and be made of nylon rope or other durable material of equivalent impact strength and elasticity and adequate for the work to be done. O. Reg. 659/79, s. 35 (1-4).

(5) Where a vertical lifeline is used, it shall,

- (a) have a nominal diameter of at least sixteen millimetres and be made of polypropylene or other durable material of equivalent impact strength and elasticity and adequate for the work to be done;
- (b) be used by only one worker at a time;
- (c) be free from the danger of chafing on any sharp edge; and
- (d) extend to the ground or be provided with a positive stop which will prevent the safety belt or parachute-type harness from running off the end of the lifeline. O. Reg. 659/79, s. 35 (5); O. Reg. 845/79, s. 4.

(6) Subsection (1) does not apply to a worker who,

- (a) is proceeding to or from his work position; or
- (b) is engaged in connecting structural members of a skeleton structure. O. Reg. 659/79, s. 35 (6).

36. Without limiting the generality of section 35, where a worker is exposed to the risk of drowning by falling into water that is of sufficient depth for a life-jacket to be effective, a lifejacket shall be worn by the worker. O. Reg. 659/79, s. 36.

37.—(1) Without limiting the generality of sections 35 and 36, where a worker is exposed to the risk of drowning by falling into water, two or more workers shall be available for a rescue operation and rescue equipment shall be provided in a suitable position on or near the project and, where practicable, consist of,

- (a) a seaworthy boat equipped with,
  - (i) a ring buoy attached to fifteen metres of polypropylene rope, 9.5 millimetres in diameter,
  - (ii) a boat hook, and
  - (iii) lifejackets for each of the persons required for a rescue operation with the boat but, in any event, not less than two lifejackets;

(b) where there is a current in the water, a line extending across the water and having attached to it floating objects capable of providing support for a person in the water; and

(c) an alarm system capable of warning workers of the necessity of carrying out a rescue operation.

(2) In locations where the water is likely to be rough or swift or where a manually operated boat is not practicable, the boat required under subsection (1) shall be a power driven boat.

(3) The alarm system required by clause (1) (c) shall be activated whenever a rescue operation is necessary. O. Reg. 659/79, s. 37.

#### ACCESS TO AND EGRESS FROM WORK AREAS

38. Adequate means of egress shall be provided from a work area above or below ground level to permit a worker to leave the area quickly in an emergency. O. Reg. 659/79, s. 38.

39. A work area, a route to and from a work area and a scaffold on which work is being performed shall be,

- (a) maintained in a safe condition at all times;
- (b) kept clear of obstructions, snow, ice or other slippery material; and

- (c) treated with sand or other similar material when necessary to ensure a firm footing. O. Reg. 659/79, s. 39.

40.—(1) Subject to subsection (2), access to and egress from a work area above or below ground level shall be by stairs, runway, ramp or ladder.

(2) Subsection (1) does not apply to a suspended scaffold that can be moved to give access to a floor, roof or platform or to ground level. O. Reg. 659/79, s. 40.

#### HOUSEKEEPING

41. An object shall not be placed or left where it is likely to endanger a worker. O. Reg. 659/79, s. 41.

42. Reusable and waste material and debris on a project shall be removed to a disposal or storage area as often as is necessary to prevent a hazardous condition. O. Reg. 659/79, s. 42.

43.—(1) Subject to subsection (2), rubbish, debris and other materials shall,

- (a) not be permitted to fall freely from one level to another; and
- (b) be lowered by a chute or in a container.

(2) Subsection (1) does not apply to demolition on a project where materials fall or are dropped into a designated area,

- (a) that is enclosed; and
- (b) to which a worker does not have access.

(3) Cranes or hoists shall be used to lower objects larger than rubbish or debris. O. Reg. 659/79, s. 43.

44.—(1) A chute shall,

- (a) be adequately constructed and rigidly fastened;
- (b) if at more than 45 degrees to the horizontal, be enclosed on its four sides;
- (c) where it is of the open type, be inclined at an angle of not more than 45 degrees to the horizontal;
- (d) where necessary, have a gate at the bottom end to control the flow of material; and
- (e) discharge into a container or an enclosed area that has been provided with barriers.

(2) The entrance to a chute shall,

- (a) be constructed so as to prevent material from spilling over when rubbish, debris and other materials are being deposited into the chute;
- (b) have a curb, ten centimetres or larger, where the entrance is at or below the floor level;

- (c) be not more than 1.2 metres high;

- (d) be kept closed when it is not in use; and

- (e) be of a design that will discourage entry by any person. O. Reg. 659/79, s. 44.

45. Except where the material is stored,

- (a) in a container; or
- (b) a designated area with controlled access,

nails that protrude from material and endanger a worker shall be removed. O. Reg. 659/79, s. 45.

46. Where a worker may be endangered by formwork ties, reinforcing steel, nails or other objects protruding from concrete, they shall be removed or cut off at the surface of the concrete, or otherwise protected, as soon as practicable. O. Reg. 659/79, s. 46.

#### STORAGE OF MATERIALS

47. A container for a combustible, corrosive or toxic substance, including any substance that contains lead, mercury, asbestos, isocyanates, silica, fluorides or benzol shall,

- (a) be suitable for the substance that the container holds; and
- (b) be clearly labelled to identify,
  - (i) the substance,
  - (ii) the hazards that are involved in the use of the substance,
  - (iii) the uses to which the substance shall not be put, and
  - (iv) the precautions to be taken in the handling, use, storage and disposal of the substance. O. Reg. 659/79, s. 47.

48.—(1) Materials to be used on, or removed from, a project shall,

- (a) be stored, moved, lifted or transported in a manner that does not endanger a worker;
- (b) be piled or stacked to prevent tipping, collapsing or rolling; and
- (c) if they are to be hoisted by a crane or similar hoisting device, not be stored under or in close proximity to a power line for electricity at more than 750 volts.

(2) Any blocking, support chain, metal band or wire rope used to secure material shall not be removed or disturbed until such time as the removal can be made without endangering a worker.

(3) Materials shall be removed from a vehicle or a stockpile in a manner so as not to endanger a worker. O. Reg. 659/79, s. 48.

49. Construction materials or equipment shall not be placed or stored on a permanent or temporary structure so as to exceed the load-carrying capacity of the structure or any part thereof. O. Reg. 659/79, s. 49.

50.—(1) Subject to subsections (2) and (3), construction material shall not be stored, stacked or piled within 1.8 metres of,

- (a) a floor or roof opening;
- (b) the open edge of a floor, roof or balcony; or
- (c) an excavation.

(2) Subsection (1) does not apply to a building, or a completely enclosed part of a building, used solely for the purpose of storing and distributing materials.

(3) Subsection (1) does not apply to a pile of small masonry units, including bricks, blocks or similar small objects,

- (a) that can be handled by one worker; and
- (b) that are to be used at the edge of,
  - (i) a floor,
  - (ii) a roof,
  - (iii) an opening in a floor or roof, or
  - (iv) an excavation,

where the height of the pile is less than the distance from the face of the pile to the edge. O. Reg. 659/79, s. 50.

51.—(1) Subject to subsection (2), a storage cylinder for propane, acetylene, oxygen or similar compressed gases shall,

- (a) be secured in an upright position to prevent overturning; and
- (b) except where the storage cylinder is connected to a regulator or supply lines or hose, have the control valve of the storage cylinder covered by a protective cap that is securely screwed into its proper position.

(2) Clause (1) (a) does not apply to a cylinder for compressed gas designed to be operated or to be stored in a horizontal position. O. Reg. 659/79, s. 51.

52.—(1) Except where a flammable liquid is stored,

- (a) in a container that is suitable for the particular hazards of the liquid; and
- (b) in a room that,

(i) has sufficient window area to provide explosion relief to the outside, and

(ii) is separated from the means of egress from the building or structure,

not more than one normal working day's supply of the liquid shall be stored in any building or structure.

(2) A flammable liquid or gas shall be stored,

- (a) in a building or storage tank suitable for the purposes; and
- (b) where practical, not less than 100 metres from a magazine.

(3) Every portable container used for flammable liquids shall have a closed top, pouring spout and flame arrestor. O. Reg. 659/79, s. 52.

#### EXCAVATIONS

53.—(1) Gas, electrical and other services that are likely to endanger a worker having access to an excavation shall be,

- (a) accurately located, marked and where practicable the owner of the utility shall be requested to locate and mark the service;
- (b) where necessary, shut off and disconnected prior to the commencement of the work on the excavation; and
- (c) where an extreme hazard is known to exist and the service cannot be shut off or disconnected the owner of the utility shall be requested to supervise the uncovering of the service.

(2) Pipes, conduits or cables for gas, electrical or other services shall be supported where necessary to prevent their failure or breakage.

(3) Where the commencement or continuation of an excavation or other work on a project is likely to affect the stability of an adjacent building or structure, adequate precautions shall be taken, including the under-pinning of the adjacent building or structure, where necessary, to prevent structural collapse of, or damage to, the adjacent building or structure before commencing or continuing the excavation or work. O. Reg. 659/79, s. 53.

54. Every excavation in which a worker may be required to enter shall be kept reasonably free of water at all times. O. Reg. 659/79, s. 54.

55. Where a person is likely to be in danger of falling into an excavation that is more than 2.4 metres deep, a barrier at least 1.07 metres high shall be provided at the top of any wall of the excavation that is not sloped in accordance with clause 56 (2) (d). O. Reg. 659/79, s. 55.

56.—(1) Subject to subsection (2), except where a professional engineer has given an opinion in writing that the stability of the walls is such that a worker is not endangered in the excavation, the walls of an excavation shall be supported by adequate shoring and bracing to prevent their collapse.

(2) Subsection (1) does not apply to an excavation,

- (a) that is less than 1.2 metres in depth;
- (b) that a worker is not required to enter for any purpose;
- (c) that is cut in solid rock;
- (d) where the walls are sloped to within 1.2 metres of the bottom of the excavation with a slope that does not exceed a gradient of one in one; or
- (e) in which a worker is not required to be closer to a wall of the excavation than the height of the wall.

(3) The walls of an excavation shall,

- (a) be stripped of loose rock or other material that might slide, roll or fall upon a worker; and
- (b) if cut in solid rock, where necessary, be supported by rock bolts or wire mesh to prevent the spalling of loose rock.

(4) A level area extending at least sixty centimetres from the top of each wall of an excavation shall be kept clear of all equipment, excavated soil or rock and construction material.

(5) A vehicle or other machinery shall not be driven, operated or located so near to the wall of an excavation as to endanger a worker by affecting the stability of the wall. O. Reg. 659/79, s. 56.

57. A worker shall not be in an excavation for an augered caisson or a well where the excavation is greater than 1.2 metres in depth, unless,

- (a) a steel liner of adequate capacity that,
  - (i) extends sixty centimetres above ground level and to within 1.2 metres of the point where the work is being done,
  - (ii) is adequately supported on two sides by steel wire rope, and
  - (iii) has a sufficient diameter so that the difference between the diameter of the steel liner and the diameter of the excavation does not exceed ten centimetres,

has been installed; and

(b) the worker,

- (i) works from within the steel liner,
- (ii) wears a safety harness, the rope of which is secured at the surface of the ground, and
- (iii) is attended by another worker stationed outside the excavation.

O. Reg. 659/79, s. 57.

#### GUARDRAILS

58.—(1) Subject to subsection (4), a guardrail constructed in accordance with section 59 shall be provided around any uncovered opening in a floor, roof or other surface to which a worker has access.

(2) Subject to subsection (4), a guardrail constructed in accordance with section 59 shall be provided at the perimeter, open sides and ends of,

- (a) a floor, including a mezzanine and a balcony;
- (b) a surface of a bridge;
- (c) a concrete roof, while the formwork remains in place; and
- (d) a scaffold platform, working platform, runway or ramp,

to which a worker has access, and

- (e) from which he may fall into water; or
- (f) from which he may fall a vertical distance of 2.4 metres or more.

(3) Subject to subsection (4), a guardrail constructed in accordance with section 59 shall be provided at the open sides and ends of a scaffold platform, working platform, runway or ramp,

- (a) that is used as a path by a wheelbarrow or other similar equipment; and
- (b) from which a worker may fall a distance of 1.2 metres or more.

(4) Where work cannot be carried out with a guardrail installed, the guardrail may be temporarily removed where,

- (a) the workers doing the work are protected as prescribed by sections 35, 36 and 37; and
- (b) where a worker other than the workers doing the work has access to the area, signs as prescribed by section 17 have been posted.

(5) Subject to subsection (6), where an opening in any floor or other surface to which a worker has access is not protected by a guardrail, the opening shall be covered with securely fastened planks,

- (a) capable of supporting; or
- (b) braced, either permanently or temporarily, to support,

all loads to which they may be subjected and at least capable of supporting a live load of 2.4 kilonewtons per square metre without exceeding the allowable unit stress for each material used.

(6) Planks or other material used as a covering may be removed temporarily while work is being done at or near the opening in any floor or other surface to which a worker has access where,

- (a) the work cannot be done with the planks or other material installed; and
- (b) signs as prescribed by section 17 have been posted. O. Reg. 659/79, s. 58.

59.—(1) A guardrail shall,

- (a) consist of a top rail, intermediate rail and toe-board; and
- (b) be capable of resisting any load likely to be applied to it.

(2) Subject to subsection (5), the top of a guardrail shall have a height of not less than ninety-one centimetres and not more than 1.07 metres above the surface, floor, scaffold or roof on which it is installed.

(3) A wooden guardrail shall be free of splinters and protruding nails and shall consist of,

- (a) a top rail not less than thirty-eight millimetres by eighty-nine millimetres securely supported on posts which are not less than thirty-eight millimetres by eighty-nine millimetres and spaced at intervals of not more than 2.4 metres;
- (b) an intermediate rail not less than nineteen millimetres by eighty-nine millimetres in size securely fastened to the inner side of the posts midway between the top rail and the toe-board; and
- (c) a toe-board securely fastened to the posts or other vertical supports and extending from the surface, floor, scaffold or roof to a height of not less than 10.2 centimetres.

(4) A wire cable guardrail shall be maintained taut by means of a turn-buckle and shall consist of,

- (a) a top rail and an intermediate rail made of wire cable not less than ten millimetres in diameter;
- (b) vertical separators not less than fifty millimetres wide spaced at intervals not exceeding 2.4 metres; and

- (c) a toe-board securely fastened to the inner side of the vertical separators and extending from the surface, floor, scaffold or roof to a height of not less than 10.2 centimetres.

(5) A wood-slat guardrail shall,

- (a) have vertical slats 1.2 metres in length at least thirty-eight millimetres in width and 9.5 millimetres in thickness that are,
  - (i) painted a distinctive colour,
  - (ii) woven among five double strands of 2.34 millimetre steel wire twenty-five centimetres apart such that the slats are tight, and
  - (iii) spaced at not more than nine centimetres from centre to centre;
- (b) have the double strands of wire wrapped around each other at least three times in each space between the slats;
- (c) be adequately supported in a vertical position; and
- (d) be maintained taut. O. Reg. 659/79, s. 59.

FORMS AND FALSEWORK

60.—(1) Forms and falsework shall be designed, constructed, supported and braced to withstand all loads likely to be applied to them without exceeding the allowable unit stresses for the materials used before, during and after the placing of concrete.

(2) Without limiting the generality of subsection (1), where falsework includes,

- (a) tubular metal frames;
- (b) columns where the effective length is dependent upon the provision of lateral restraints between the ends of the column;
- (c) shores placed one upon another to form a supporting system that is more than one tier in height;
- (d) trusses;
- (e) members so connected to one another that a load applied to one member of it may alter or induce stresses in the other members; or
- (f) shores more than three metres in height,

the falsework shall,

- (g) be designed by a professional engineer in accordance with good engineering practice to withstand all loads likely to be applied to the falsework before, during and after the placing of concrete; and

- (h) be constructed in accordance with the design of the professional engineer referred to in clause (g).

(3) Drawings of the falsework designed under subsection (2) shall,

- (a) show the size and specifications of the falsework including the type and grade of all materials to be used in the construction of the falsework;
- (b) bear the signature and seal of the professional engineer referred to in subsection (2); and
- (c) be kept at the project at all times.

(4) Forms and falsework shall not be removed unless,

- (a) the concrete has attained sufficient strength to support any load likely to be applied to the concrete; or
- (b) the concrete has been adequately re-shored.

(5) The re-shoring required by subsection (4) shall be designed by a professional engineer, and the design shall comply with subsections (2) and (3).

(6) A shore shall,

- (a) be braced, with sufficient bracing in the vertical and horizontal planes, to prevent lateral movement of the forms and buckling of the shores; and
- (b) have sound and rigid footings capable of carrying the maximum load to which it is likely to be subjected without unreasonable settlement or deformation.

(7) Where shoring is more than one tier in height, the junction of each tier shall be braced against a fixed support in at least two directions to prevent any lateral movement. O. Reg. 659/79, s. 60.

#### PLATFORMS, RUNWAYS AND RAMPS

61. A runway, ramp or platform other than a scaffold platform shall,

- (a) be designed, constructed and maintained to support, without exceeding the allowable unit stresses for the materials used, all loads that may be expected to be applied to it, but not less than 2.4 kilonewtons per square metre;
- (b) be forty-six centimetres or more in width; and
- (c) be securely fastened in place. O. Reg. 659/79, s. 61.

62.—(1) Subject to subsection (2), a ramp shall have,

- (a) a slope not exceeding a gradient of one in three; and

- (b) cross cleats where the slope exceeds a gradient of one in eight,

and the cleats shall be,

- (c) spaced at regular intervals not exceeding fifty centimetres; and
- (d) made from nineteen millimetre by thirty-eight millimetre size boards securely nailed to the ramp.

(2) Subsection (1) does not apply to a ramp installed in the stairwell of a building not exceeding two storeys in height where the ramp has,

- (a) a slope not exceeding a gradient of one in one; and
- (b) cross cleats,
  - (i) spaced at regular intervals not exceeding thirty centimetres, and
  - (ii) made from thirty-eight millimetre by thirty-eight millimetre size boards securely nailed to the ramp. O. Reg. 659/79, s. 62.

#### STAIRS AND LANDINGS

63.—(1) Subject to subsection (2), where a building or structure,

- (a) is to be thirty metres or more in height; or
- (b) will have permanent stairs and the building or structure has reached a height of two storeys or nine metres above the lowest floor level, whichever height is the lesser,

permanent or temporary stairs shall be installed progressively from the lowest floor level to,

- (c) the uppermost working level; or
  - (d) where stairs would interfere with work on the uppermost working level, to within two storeys or nine metres vertically of the uppermost working level, whichever distance is the lesser.
- (2) Subsection (1) does not apply to,
- (a) a part of a building or structure where only the structural steel beams or columns have been erected; or
  - (b) a structure to which a permanent ladder is attached before the structure is raised into position. O. Reg. 659/79, s. 63.

64. Temporary stairs and landings shall be designed and constructed to support a live load of 4.8 kilonewtons per square metre without exceeding the allowable unit stresses for the materials used. O. Reg. 659/79, s. 64.

65. Temporary stairs shall have a clear width of not less than fifty centimetres. O. Reg. 659/79, s. 65.

66.—(1) Stairs shall have,

- (a) treads and risers that in any one flight are uniform in width, length and height;
- (b) subject to subsection (2), stringers that have a slope not exceeding 50 degrees from the horizontal;
- (c) landings that are not more than 4.5 metres apart measured vertically;
- (d) on the open sides of each flight, a wooden guardrail that,
  - (i) has a size of thirty-eight millimetres by eighty-nine millimetres, and
  - (ii) is securely fastened and supported; and
- (e) have on the open sides of each landing, a guardrail which complies with subsection 59 (3).

(2) Clause (1) (b) does not apply to prefabricated stairs erected inside a tower formed by scaffold frame sections where the stringers have a slope not exceeding 60 degrees from the horizontal. O. Reg. 659/79, s. 66.

67. Skeleton steel stairs shall have temporary wooden treads that are,

- (a) made of suitable planking extending the full width and breadth of the stairs and landings; and
- (b) securely fastened in place.

O. Reg. 659/79, s. 67.

#### LADDERS

68. A ladder shall,

- (a) be designed, constructed, maintained and used so as not to endanger a worker;
- (b) be used only in such a way that the loads applied to it will not cause the materials used in any part of it to be stressed beyond their allowable unit stresses; and
- (c) if the side rails are made of metal, or if they are metal-reinforced, not be used in close proximity to uninsulated, energized electrical equipment or conductors. O. Reg. 659/79, s. 68.

69. A ladder shall,

- (a) be free from broken or loose members or other faults;

(b) have rungs evenly spaced at 30 centimetres on centres;

(c) have side rails not less than 30 centimetres apart;

(d) be placed on a firm footing and secured against slipping;

(e) be held in place by one or more persons while being used if it exceeds nine metres in length and is not securely fastened;

(f) when not securely fastened, be placed so that the base of the ladder is not less than one-quarter and not more than one-third of the length of the ladder from a point directly below the top of the ladder and at the same level as the base of the ladder;

(g) where it is used as a regular means of access between levels,

- (i) be securely fastened in place,
- (ii) extend at the upper level at least ninety centimetres above the landing or floor,
- (iii) have a clear space of at least fifteen centimetres behind any rung, and
- (iv) be so located that an adequate landing surface, clear of obstructions, is available at the top and bottom of the ladder;

(h) not be in an elevator shaft when such space is being used for hoisting; and

(i) not be lashed to another ladder to increase its length. O. Reg. 659/79, s. 69.

70. A wooden ladder shall,

- (a) consist of wood that is straight-grained and free from loose knots, sharp edges, splinters and shakes;
- (b) not be painted or coated with an opaque material; and
- (c) have rungs of clear straight-grained material which is free of knots. O. Reg. 659/79, s. 70.

71.—(1) The side rails of a wooden ladder of the cleat type shall be,

- (a) not less than forty centimetres and not more than sixty-one centimetres apart;
- (b) where the ladder is not more than 5.8 metres long, not less than thirty-eight millimetres by eighty-nine millimetres; and

- (c) where the ladder is more than 5.8 metres long, not less than thirty-eight millimetres by 140 millimetres.

(2) The rungs of a wooden ladder of the cleat type shall be,

- (a) where the side rails are forty centimetres apart, not less than nineteen millimetres by sixty-four millimetres;
- (b) where the side rails are more than forty centimetres and not more than sixty-one centimetres apart, not less than nineteen millimetres by eighty-nine millimetres; and
- (c) braced by nineteen millimetre thick filler blocks between the rungs. O. Reg. 659/79, s. 71.

72. A double width wooden ladder shall,

- (a) have three rails evenly spaced that are not less than thirty-eight millimetres by 140 millimetres;
- (b) have rungs which,
  - (i) are not less than thirty-eight millimetres by eighty-nine millimetres,
  - (ii) extend the full width of the ladder, and
  - (iii) are braced by nineteen millimetre thick filler blocks;
- (c) not be less than 1.5 metres in width; and
- (d) be securely fastened in place. O. Reg. 659/79, s. 72.

73. The maximum length of a ladder measured along the side rail shall not be more than,

- (a) five metres for a trestle ladder or for each of the base or extension sections of an extension trestle ladder;
- (b) six metres for a step-ladder;
- (c) nine metres for a single ladder or individual section of a ladder;
- (d) fifteen metres for an extension ladder having two sections; and
- (e) twenty metres for an extension ladder having more than two sections. O. Reg. 659/79, s. 73.

74. Where a step-ladder is being used as a self-supporting unit,

- (a) the legs shall be fully spread and the spreader shall be locked; and

- (b) neither the top of the step-ladder nor the pail shelf shall be used as a step. O. Reg. 659/79, s. 74.

75.—(1) Subject to subsection (2), a vertical access ladder fixed in position shall,

- (a) have rest platforms at not more than nine metre intervals;
- (b) be offset at each rest platform;
- (c) where the ladder extends over five metres above grade or a floor or landing, have a safety cage commencing not more than 2.2 metres above grade or the floor or landing and continuing at least ninety centimetres above the top landing with openings to permit access by a person to rest platforms or to the top landing;
- (d) have side rails that extend ninety centimetres above the landing; and
- (e) have rungs that are at least fifteen centimetres from the wall.

(2) Clauses (1) (a), (b) and (c) do not apply to an access ladder on a tower, water tank, chimney or similar structure that has a safety device that provides protection should a person fall while using the ladder. O. Reg. 659/79, s. 75.

#### SCAFFOLDS AND WORKING PLATFORMS

76. Where work cannot be done without hazard to a worker on or from the ground or from a building or other permanent structure a scaffold, constructed in accordance with sections 80 to 86, both inclusive, shall be provided for a worker. O. Reg. 659/79, s. 76.

77. A barrel, box or other loose object shall not be used,

- (a) by a worker to stand upon while working; or
- (b) to support a scaffold or working platform. O. Reg. 659/79, s. 77.

78. No stilts or a leg extension device shall be on, or used on, a project. O. Reg. 659/79, s. 78.

79.—(1) The erection, alteration or dismantling of a scaffold shall be carried out under the supervision of a competent person.

(2) Work shall not be carried out on or under a scaffold or scaffold platform that is being erected, altered or dismantled unless it is carried out from a part of the scaffold or scaffold platform that complies with sections 80 to 86, both inclusive. O. Reg. 659/79, s. 79.

80.—(1) A scaffold shall,

- (a) be capable of supporting at least,
  - (i) two times the maximum load to which it is likely to be subjected, without exceeding the allowable unit stresses for the particular materials used, and

- (ii) four times the maximum load to which it is likely to be subjected, without overturning;
  - (b) not be loaded in excess of the maximum load it could reasonably be expected to support and not in excess of the maximum load set out in clause (a);
  - (c) be constructed only of suitable structural material;
  - (d) where lumber is used in its construction, be constructed only of Construction Grade spruce or Number 1 Grade spruce;
  - (e) have all uprights braced diagonally in the horizontal and vertical planes to prevent lateral movement;
  - (f) have horizontal members that are adequately secured to prevent lateral movement and that do not have splices between the points of support;
  - (g) have footings, sills or supports that are sound, rigid and capable of supporting at least two times the maximum load to which the scaffold is likely to be subjected without unreasonable settlement or deformation;
  - (h) have all fittings and gear properly installed including base plates or wheels;
  - (i) have safety catches on all hooks; and
  - (j) be adequately secured at vertical intervals not exceeding three times the least lateral dimension of the scaffold, measured at the base, to prevent lateral movement.
- (2) Where a scaffold consists of a structural system of tubular metal frames, the scaffold shall not be loaded in excess of,
- (a) the capacity of the system as established after a test loading of the particular method of loading by a professional engineer; and
  - (b) one-third of the failure load as established by test loading the scaffold axially through the corner posts.
- (3) Where a scaffold exceeds fifteen metres in height, it shall be designed by a professional engineer and constructed in accordance with the design.
- (4) Drawings of the design required by subsection (3), bearing the seal and signature of the professional engineer shall be kept on the project while the scaffold is erected on the project. O. Reg. 659/79, s. 80.
- 81.** A scaffold platform or other working platform shall,
- (a) be designed, constructed and maintained to support all loads to which it is likely to be subjected without exceeding the allowable unit stresses for the materials used and not less than 2.4 kilonewtons per square metre;
  - (b) be at least forty-six centimetres wide;
  - (c) where it is 2.4 metres or more above a floor, roof or other surface, consist of planks laid tightly side by side for the full width of the scaffold;
  - (d) be provided with a guardrail as prescribed by section 59;
  - (e) where it consists of wooden planks, have wooden planks of Number 1 Grade spruce that,
    - (i) are at least fifty-one millimetres in thickness by 25.4 centimetres in width with a span not exceeding three metres,
    - (ii) overhang their supports by not less than fifteen centimetres and not more than thirty centimetres, and
    - (iii) are cleated or otherwise secured against slipping; and
  - (f) be provided with a means of access as prescribed by section 40. O. Reg. 659/79, s. 81; O. Reg. 845/79, s. 5.
- 82.—(1)** A suspended scaffold or a boatswain's chair shall,
- (a) be attached to a fixed support or outrigger beam capable of supporting at least four times the maximum load to which the fixed support or outrigger beam is likely to be subjected,
    - (i) without overturning, and
    - (ii) without exceeding the allowable unit stresses for the materials used in the fixed support or outrigger beam,
 and the counter weights on an outrigger beam shall be,
    - (iii) suitable for the purpose, and
    - (iv) securely attached to the outrigger beam;
  - (b) where practicable, have an outrigger beam that is tied back to a fixed support of adequate capacity;
  - (c) have the tie back referred to in clause (b) consist of a secondary line having capacity adequate to support,
    - (i) the weight of the suspended scaffold or boatswain's chair, and

- (ii) the component members of the supporting system,

in the event of the failure of the primary supporting system described in clause (a);

- (d) subject to subsection 83 (2), have hangers,
  - (i) located not less than fifteen centimetres and not more than forty-five centimetres from the ends of the platform, and
  - (ii) securely attached to the platform;
- (e) where it is capable of moving either vertically or horizontally, have,
  - (i) rope falls equipped with suitable pulley blocks, or
  - (ii) a mechanical hoisting device equipped with a positive device to prevent the scaffold from falling freely, and
  - (iii) supporting cables extend from the suspended scaffold or boatswain's chair to the ground, or be provided with a positive stop which will prevent the suspended scaffold or boatswain's chair from running off the end of the supporting cables;
- (f) not have fibre rope where,
  - (i) the distance between blocks exceeds ninety metres,
  - (ii) a corrosive substance is in the vicinity of the rope, or
  - (iii) mechanical-grinding or flame-cutting equipment is to be used in the vicinity of the rope;
- (g) where practicable and where it is not being raised or lowered, be secured and firmly anchored to the building or structure;
- (h) subject to subsection 83 (2), have wire mesh of at least 1.60 millimetres in diameter,
  - (i) capable of rejecting a ball thirty-eight millimetres in diameter, and
  - (ii) securely fastened in place from the toe-board to the top rail of the guardrail;
- (i) where operated by mechanical power, be inspected by a competent person, prior to each day's use;
- (j) where,
  - (i) the scaffold consists of more than one platform, or

- (ii) the weight of the platform and its components exceeds 363 kilograms,

be designed by a professional engineer in accordance with good engineering practice in compliance with this section and the scaffold shall be constructed in accordance with the design; and

- (k) if stacked or tiered, be provided with at least two independent means of support.
- (2) Drawings of the scaffold system designed under clause (1) (j),
  - (a) indicate the size and specification of all components including the type and grade of all materials to be used;
  - (b) clearly show the maximum live load of the system;
  - (c) bear the seal and signature of the professional engineer referred to in the said clause (j);
  - (d) have the written opinion of the professional engineer referred to in the said clause (j) that the design complies with this section; and
  - (e) be kept on the project while the scaffold is on the project. O. Reg. 659/79, s. 82.

#### 83.—(1) A boatswain's chair shall,

- (a) not be less than sixty centimetres in length and twenty-five centimetres in width; and
- (b) where the worker on the chair is using,
  - (i) a corrosive substance, or
  - (ii) mechanical-grinding or flame-cutting equipment,

be supported by a sling consisting of wire rope at least 9.5 millimetres in diameter.

- (2) Clauses 82 (1) (d) and (h) do not apply to a boatswain's chair. O. Reg. 659/79, s. 83.

84.—(1) Subject to subsection (4), a worker on a suspended scaffold or a boatswain's chair shall be protected as prescribed by section 35.

- (2) Where lifelines are used, each lifeline shall be suspended independently and separately from the suspended scaffold or boatswain's chair.

(3) Each lifeline shall be securely attached to the project or other support so that the failure of the suspended scaffold or the boatswain's chair or its supporting system will not cause the lifeline to fail.

- (4) Subsection (1) does not apply to a worker on a part of a scaffold that,

- (a) has more than two means of support or suspension; and
- (b) is so designed, constructed and maintained,

that the failure of one means of support or suspension will not cause the collapse of that part of the scaffold on which the worker is situated. O. Reg. 659/79, s. 84.

85.—(1) The distance between the platform of an outrigger scaffold and the wall beyond which the scaffold extends shall not be greater than seventy-five millimetres.

(2) The outrigger beams of an outrigger scaffold shall be secured against horizontal and vertical movement. O. Reg. 659/79, s. 85.

86. A scaffold mounted on castors or wheels, other than a movable working platform to which section 87 applies, shall,

- (a) where the height of a scaffold platform exceeds three times the least lateral dimension of the scaffold,
  - (i) measured at the base, or
  - (ii) measured between the outriggers where outriggers are used,

be equipped with guy wires to prevent overturning of the scaffold; ,

- (b) be equipped with a suitable braking device on each castor or wheel;
- (c) except when being moved in accordance with clause (d), have brakes applied when any worker is on the scaffold or scaffold platform; and
- (d) where it is more than three metres in height, not be moved when a worker is on it unless,
  - (i) he is protected as prescribed by section 35, and
  - (ii) it is being used on a reasonably smooth and level surface. O. Reg. 659/79, s. 86.

87.—(1) This section does not apply to a suspended scaffold constructed in accordance with section 82.

(2) A movable working platform operated by mechanical or electrical power including an elevating rolling scaffold and a self-propelled elevating scaffold or work platform shall,

- (a) be designed by a professional engineer in accordance with good engineering practice to support,
  - (i) two times the maximum load to which it may be subjected without exceeding the allowable unit stresses for the materials used, and

- (ii) four times the maximum load to which it may be subjected without overturning;

- (b) be constructed and maintained in accordance with the design of the professional engineer;
- (c) be provided with guardrails as prescribed by section 59;
- (d) have a floor securely attached to the floor supports and that extends over the full width and length of the platform;
- (e) be fitted with signs indicating the safe working load;
- (f) if equipped with outriggers, have a notice indicating the circumstances for which the outriggers shall be used;
- (g) be equipped with a fail safe mechanism for the elevating power system in the case of a power source, or system, failure;
- (h) be equipped with a dead man control that will cut the power off from the operating mechanism unless the control regulating the power is continuously operated by a worker;
- (i) be guarded, where equipped with a scissor-type or other lifting mechanism which may create a shearing hazard to workers; and
- (j) have its supporting mechanism inspected by a competent person prior to each day's use.

(3) A boom supported working platform which telescopes, articulates or rotates relative to the base in order to extend the work platform beyond the base dimensions shall be equipped with a tilt alarm or warning device that will, when the base is out of level by 5 degrees or more in any direction, automatically notify a worker on the platform.

(4) When a worker is on a movable working platform to which this section applies and the height of the platform exceeds three metres above the surface on which the equipment is supported, it shall be moved or propelled only where,

- (a) the surface is reasonably smooth and level; and
- (b) each worker on the platform is protected against falling from the platform as prescribed by section 35. O. Reg. 659/79, s. 87.

#### HYGIENE

88.—(1) A reasonable supply of potable drinking water shall be kept readily accessible for the use of workers.

(2) A clean and sanitary means of drinking the water referred to in subsection (1) shall be provided for the use of workers.

(3) The water referred to in subsection (1) shall be supplied from a piping system or from a clean, covered container having a drain faucet.

(4) Workers shall not be required to, and shall not, use a dipper or drinking cup in common with other workers. O. Reg. 659/79, s. 88.

89.—(1) At least one flush toilet, chemical toilet or privy shall be provided or made available,

- (a) for the use of workers from the commencement of the project;
- (b) where there are more than thirty workers on the project at any one time, for each thirty workers or fraction thereof; and
- (c) within reasonable access from each work area.

(2) Every flush toilet, chemical toilet or privy shall,

- (a) be constructed so that any user is sheltered from view and protected from the weather and from falling objects;
- (b) be illuminated by natural or artificial light;
- (c) be provided with toilet paper and disinfectant;
- (d) be maintained in a clean and sanitary condition;
- (e) be equipped with a toilet seat and cover; and
- (f) if it is portable or temporary, be equipped with a urinal trough in addition to the toilet or privy. O. Reg. 659/79, s. 89.

90. Washing facilities with clean water, soap and individual towels shall be provided for workers who use or handle corrosive, poisonous or other substances likely to endanger their health. O. Reg. 659/79, s. 90.

91.—(1) A heated room shall be provided for the use of workers employed underground.

(2) The wet clothes of workers employed underground shall be dried on the project by sanitary means.

(3) The facilities for drying wet clothes shall consist of a change room which shall,

- (a) where work clothes are hoisted overhead for drying, have a minimum height of 3.7 metres;
- (b) be equipped with mechanical ventilation to provide not less than six air changes per hour;

(c) be maintained at a temperature of at least 27 degrees celsius;

(d) be equipped with a rack of sufficient capacity for drying to accommodate all the work clothes of the workers employed underground;

(e) have a free floor area of not less than ten square metres or of one square meter per worker on a shift whichever area is the greater;

(f) be provided with a lock-up type locker for each worker employed underground;

(g) be provided with proper drainage facilities; and

(h) be scrubbed out once every twenty-four hours.

(4) Where ten or more workers are employed underground at any one time, the change room shall be provided with one shower and one washbasin for each ten workers or fraction thereof.

(5) Showers and washbasins provided in compliance with subsection (4) shall have a supply of hot and cold water. O. Reg. 659/79, s. 91.

#### FIRE PROTECTION

92.—(1) Fire extinguishing equipment shall,

- (a) be provided where the danger of fire exists;
- (b) be of a suitable type and size for controlling any fire that may occur in the area that such equipment is designed to service to permit the evacuation of workers;
- (c) be protected from mechanical injury;
- (d) be readily accessible at adequately marked stations;
- (e) be maintained in good operating condition; and
- (f) be protected from freezing where the equipment or its contents may be exposed to freezing temperatures.

(2) A fire extinguisher shall,

- (a) after use, be forthwith refilled, and returned to its marked station or be replaced;
- (b) be inspected at least once every month by a competent person who shall record the date of the last inspection on a tag attached to it; and
- (c) not contain any carbon tetrachloride, methyl bromide or other vaporizing liquids which are hazardous. O. Reg. 659/79, s. 92.

93.—(1) At least one water-type extinguisher of a stored pressure, cartridge operated or pump tank type and with a minimum capacity of nine litres and a 2A Label Rating listed by Underwriters' Laboratories of Canada shall be provided,

- (a) in every workshop;
- (b) in every building or part of a building where combustible material is stored;
- (c) in places where welding or open-flame operations are carried on;
- (d) subject to subsection (2), on each storey in an enclosed building being constructed or altered; and
- (e) subject to subsection (2), where a storey in a building being constructed or altered has more than 300 square metres of floor space, for each 300 square metres of floor or fraction thereof.

(2) Clauses (1) (d) and (e) do not apply to a building,

- (a) to be used as a detached or semi-detached single-family dwelling;
- (b) two storeys or less in height which is to be used as a multiple family dwelling; or
- (c) that has only one storey and does not have a basement or cellar. O. Reg. 659/79, s. 93.

94.—(1) One or more dry chemical extinguishers, the contents of which are discharged under pressure and which have at least a 20 BC Label Rating listed by Underwriters' Laboratories of Canada, shall be provided,

- (a) where flammable liquids are stored or handled;
- (b) subject to subsection (2), where oil or gas-fired equipment is used;
- (c) where a tar or asphalt kettle, trailer or tank is used; and
- (d) on a tunnel project,
  - (i) at each panel board for electricity,
  - (ii) on each electric-powered locomotive, and
  - (iii) at each battery charging station.

(2) Clause (1) (b) does not apply where the oil or gas-fired equipment being used is intended to be the permanent furnace equipment of the building. O. Reg. 659/79, s. 94.

95.—(1) Where a permanent standpipe is to be installed in a building of two or more storeys it shall,

- (a) be installed progressively, so far as is practicable, as the construction of the building proceeds;
- (b) have sufficient hose outlets to permit every part of the building to be protected by a hose not longer than twenty-three metres;
- (c) have a connection for the use of the local fire department,
  - (i) on the street side of the building not more than ninety centimetres and not less than thirty centimetres above ground level, and
  - (ii) to which there is clear access at all times; and
- (d) be maintained so as to be readily operable if required to be used. O. Reg. 659/79, s. 95 (1).

(2) A hose outlet shall have,

- (a) a valve; and
- (b) a hose that shall,
  - (i) be at least thirty-eight millimetres in size,
  - (ii) have a combination straight stream and fog nozzle, and
  - (iii) when not in use, be stored on a rack in such a way as to protect it from damage and keep it available for immediate use. O. Reg. 659/79, s. 95 (2); O. Reg. 845/79, s. 6.

96. Flammable liquids shall not be transferred from one container to another by the direct application of air under pressure. O. Reg. 659/79, s. 96.

#### CUTTING AND WELDING

97.—(1) Cylinders, piping and fittings, including regulators and valves, used in welding and cutting shall be protected against damage.

(2) Cylinders of compressed gas used in welding and cutting shall not be,

- (a) dropped;
- (b) hoisted by slings or magnets; or
- (c) transported or stored in a horizontal position.

(3) The valve of a cylinder shall be closed when the cylinder is not being used or when the cylinder is empty. O. Reg. 659/79, s. 97.

98. Where,

- (a) welding or cutting equipment; or

- (b) a blow torch or other similar equipment,

is being used, suitable precautions shall be taken to prevent the outbreak of fire. O. Reg. 659/79, s. 98.

99.—(1) Arc welding electrodes or ground leads shall not be hung over any compressed gas cylinder.

(2) An area where electric welding is carried on shall be kept free of electrode stubs and metal scrap.

(3) Receptacles for electrode stubs shall be provided and used. O. Reg. 659/79, s. 99.

#### ELECTRICAL HAZARDS

100. Except where the connection is made by inserting an attachment plug cap on the cord of the electrical equipment or tool into a convenience receptacle, only a worker who is an electrician certified under the *Apprenticeship and Tradesmen's Qualification Act* or a worker who is similarly qualified by training and experience shall connect any electrical equipment or tool to a power source or disconnect any electrical equipment or tool from a power source. O. Reg. 659/79, s. 100.

101. A panel board shall be,

- (a) securely mounted on a vertical surface of sound construction;
- (b) kept clear of any obstruction in front of the panel board;
- (c) within easy reach of and readily accessible to workers;
- (d) located in an area where water will not accumulate; and
- (e) provided with a cover over uninsulated parts carrying current. O. Reg. 659/79, s. 101.

102. A switch controlling a service entrance, service feeder or branch circuit shall,

- (a) be suitable for its intended use;
- (b) be securely mounted on a vertical surface of sound construction;
- (c) be kept clear of any obstruction in front of the switch;
- (d) be within easy reach of and readily accessible to workers;
- (e) be located in an area where water will not accumulate;
- (f) not be locked in the closed position;
- (g) be provided with a device for locking the switch in the open position; and

- (h) over uninsulated parts carrying current, be provided with a cover with a locking device that is,

(i) effective when the switch is in both the open and closed position, and

(ii) locked when the switch is in the closed position. O. Reg. 659/79, s. 102.

103.—(1) Subject to subsection (2), any cord-connected electrical equipment or tool shall have a casing which is effectively grounded.

(2) Subsection (1) does not apply to any cord-connected electrical equipment or tool that is effectively double-insulated and that does not show any evidence of cracks or defects in the insulated casing. O. Reg. 659/79, s. 103.

104.—(1) Subject to subsection (2), the power supply to live electrical installations or equipment operating at more than 750 volts shall be disconnected and locked out of service and grounded prior to any work being done on, or in proximity to, the installations or equipment.

(2) Where it is not practicable to disconnect the power supply to live electrical installations or equipment,

- (a) rubber gloves, mats, shields or other protective equipment, tools and procedures adequate to ensure the safety of all workers shall be used, by competent workers, while the work is being performed; and
- (b) a worker other than the worker doing the work, who is competent in the use of artificial respiration, shall be readily available while the work is being performed. O. Reg. 659/79, s. 104.

105.—(1) Subject to subsection (3), a worker shall not bring any object closer to a power line for electricity rated at more than 750 volts than the minimum distance set out in subsection (4).

(2) Subject to subsection (3), a worker shall not move a back-hoe, shovel, crane or other similar lifting device or its load closer than the length of the boom of the lifting device to a power line for electricity rated at more than 750 volts unless he has another worker stationed within his view to warn him when any part of the lifting device or its load is approaching the minimum distance from the power line as prescribed in subsection (4).

(3) Subsections (1) and (2) do not apply where,

- (a) the owner of the power line has disconnected, and visibly grounded, the electrical supply to the power line; or
- (b) the work is being performed by a private or public electrical utility or a constructor or subcontractor qualified to perform work on or adjacent to power lines, and

- (i) the work is performed by workers who are competent persons,
- (ii) the work is being performed in accordance with the code of rules, techniques and procedures approved by the Electrical Utilities Safety Association of Ontario, Inc. or Ontario Hydro for work in close proximity to, or in contact with, energized power lines and equipment,
- (iii) the work is carried out using tools, clothing and equipment which is adequate and specifically designed for work being performed, and
- (iv) the work is supervised by a competent person.

(4) The minimum distance referred to in subsections (1) and (2) shall be the distance set out in column 2 of the following Table for the voltage set opposite thereto in column 1 of the following Table:

TABLE

Minimum Distance from Live Power Lines for Electricity	
COLUMN 1	COLUMN 2
Voltage Rating of Power Line	Minimum Distance
750 to 150,000 volts	3 metres
150,001 to 250,000 volts	4.5 metres
over 250,000 volts	6 metres

O. Reg. 659/79, s. 105.

TEMPORARY HEAT

106. A fuel-fired heating device shall,

- (a) be so located, protected and used that there is not a risk of igniting,
  - (i) tarpaulins or similar temporary enclosures, or
  - (ii) wood or other combustible materials adjacent to the heating device;
- (b) be used in a confined or enclosed space only when there is provision for,
  - (i) an adequate supply of air for combustion, and
  - (ii) adequate general ventilation;

- (c) be located so as to be protected from damage or overturning;
- (d) not restrict a means of egress; and
- (e) where it is used to burn a solid fuel, be equipped with a securely supported sheet metal pipe for the purpose of properly discharging the products of combustion outside the building. O. Reg. 659/79, s. 106.

107. All fuel supply lines shall be so constructed, guarded or placed as to be protected from damage. O. Reg. 659/79, s. 107.

108. Temporary steam-piping shall,

- (a) be properly installed;
- (b) be securely supported; and
- (c) where a worker is likely to come into contact with the piping accidentally, be insulated or protected by screens or guards. O. Reg. 659/79, s. 108.

EXPLOSIVES

109. Blasting mats shall be used where necessary to protect persons, structures and other property on or adjacent to a project from flying rocks or other objects due to blasting operations. O. Reg. 659/79, s. 109.

110.—(1) A fire or other naked flame shall not be taken or be, within 7.5 metres of any magazine, vehicle, building or place in which explosives are stored, handled or transported.

- (2) A person shall not smoke,
  - (a) in any magazine where explosives are stored; or
  - (b) within 7.5 metres of a place where explosives are being handled, transported or used. O. Reg. 659/79, s. 110.

111.—(1) Subject to subsection (2), only a competent person shall handle, transport, prepare or use explosives on a project.

(2) A worker who is inexperienced in handling explosives, who is working under the direct personal supervision of a competent person, may handle, transport, prepare and use explosives on a project. O. Reg. 659/79, s. 111.

112. Where explosives are to be used,

- (a) a competent person shall be appointed by the supervisor in charge of the project to personally be in charge of all blasting operations; and
- (b) the name of the competent person appointed under clause (a) shall be posted in the field office of the project and on, or in, the magazines where the explosives are stored. O. Reg. 659/79, s. 112.

113. The competent person appointed under clause 112 (a) shall,

- (a) inspect all explosives and all magazines, buildings and vehicles used for storing or transporting explosives at regular intervals and at least once a week;
- (b) report the results of the inspection prescribed in clause (a) to the supervisor in charge of the project;
- (c) take immediate steps to correct any unsuitable condition and properly dispose of any deteriorated explosives;
- (d) where an act of careless placing or handling of explosives is discovered by him, or reported to him, promptly investigate the circumstances;
- (e) be in charge of fixing of all charges and other blasting operations;
- (f) post workers at the approaches to any place,
  - (i) where blasting is to be carried out, and
  - (ii) where a person may be endangered by the blasting, including the area around a drill hole,
 to prevent inadvertent access by any person;
- (g) before blasting ensure that,
  - (i) only those workers required to assist him in blasting, are present in any location where they may be endangered by blasting,
  - (ii) adequate warning is given to all parts of the project by siren or other suitable means, and
  - (iii) no person is in any area from which his means of egress passes the place where the blasting is to be carried out; and
- (h) before blasting within a distance of,
  - (i) less than twice the length of the longest drill rod being used, or
  - (ii) 4.5 metres,

whichever is the greater, of another shaft, tunnel, caisson or cofferdam, thoroughly examine the other shaft, tunnel, caisson or cofferdam to ensure that any work being carried out therein can proceed during the blasting without a person being endangered.  
O. Reg. 659/79, s. 113.

**114.** Except where all the workers in the immediate vicinity are protected by adequate respiratory equipment, where a rock-drilling operation is being carried out, an adequate supply of water shall be provided and used at the operation to prevent the dissemination of dust. O. Reg. 659/79, s. 114.

**115.** Only that quantity of explosives that is required for immediate use shall be outside a magazine. O. Reg. 659/79, s. 115.

**116.** Except for an explosive that is manufactured for bulk loading, an explosive shall not be removed from its wrapper. O. Reg. 659/79, s. 116.

**117.** Every firing circuit used in blasting shall be disconnected from the source of energy and short-circuited immediately after each blasting operation. O. Reg. 659/79, s. 117.

**118.—(1)** A drill hole shall not be commenced,

- (a) before the exposed face or surface has been carefully examined for holes or remnants of holes containing explosives; and
- (b) before any hole or remnant of a hole found to contain explosives has, as far as is practicable, been cleared of the explosive.

(2) Subject to subsection (3), a drill hole shall,

- (a) not be drilled within 7.5 metres of a hole being loaded with or containing explosives; and
- (b) not be drilled within fifteen centimetres of a hole, or remnant of a hole, that has been charged or blasted unless adequate precautions have been taken to ensure that the hole or remnant is free from explosives.

(3) Subject to subsection (4), a drill hole may be drilled within 7.5 metres of a hole being loaded with, or containing, explosives where,

- (a) a specification has been prepared in writing by a professional engineer,
  - (i) describing the precautions to be taken to prevent the accidental detonation of the explosives in a loaded hole by the drilling of another hole, and
  - (ii) bearing the signature and seal of the professional engineer;
- (b) a copy of the specification referred to in clause (a) is kept at the project while the drilling and blasting to which the specification refers are being carried out; and
- (c) the drilling and blasting are carried out in compliance with the specification referred to in clause (a).

(4) A hole shall not be drilled within one metre of another hole containing explosives.

(5) A drill hole shall,

- (a) where cartridges of explosives are to be used, be of a size sufficient for free insertion of a cartridge to the bottom of the hole;

- (b) not be charged with explosives unless a properly prepared detonation agent is placed in the charge; and
- (c) when charged with explosives,
  - (i) be fired in one blasting operation, and
  - (ii) except for the time required in a continuing operation to complete the charging and blasting of adjacent holes, not be left unfired.
- (6) A tool or rod of iron or steel shall not be used,
  - (a) in the charging of a drill hole; or
  - (b) in any drill hole containing explosives.

O. Reg. 659/79, s. 118.

#### CONFINED SPACES

119.—(1) In this section, “confined space” means a place,

- (a) to which or from which the means of access or egress are restricted because of location, design, construction, or contents; and
- (b) in which,
  - (i) a hazardous accumulation of gas, vapour, dust, mist or smoke may be present, or may accumulate, or
  - (ii) there may be an oxygen content in the atmosphere of less than eighteen per cent or more than twenty-three per cent,

and includes an open or enclosed tank, vat, sewer, pipe, duct, flue, reactor, chamber and other such spaces.  
O. Reg. 659/79, s. 119 (1).

(2) A worker shall not enter or be required to enter a confined space unless,

- (a) there is a means of egress from all accessible parts of the confined space by a manhole or other clear opening;
- (b) mechanical equipment installed in the confined space is disconnected from its power source and locked out;
- (c) all pipes and other supply lines are blanked off or where it is impractical to blank or blind piping containing hazardous substances, written work procedures shall be developed and implemented to ensure at least equal protection to all workers exposed to the hazard; and
- (d) sufficient tests are made for oxygen deficiency, flammability, explosive conditions and toxic vapours, in appropriate locations by a competent person who shall,

- (i) record the results of each test in a permanent record,
- (ii) evaluate the tests, and
- (iii) certify in writing in the permanent record that,
  - (A) a hazard does not exist in the confined space, and
  - (B) there is not a likelihood of a hazard developing while any person is in the confined space having regard to the nature and duration of the work to be performed.

O. Reg. 659/79, s. 119 (2); O. Reg. 845/79, s. 7.

(3) Where a confined space,

- (a) contains or is likely to contain a gas, vapour, dust, mist or smoke that is toxic or hazardous; or
- (b) has or is likely to have an oxygen content in the atmosphere of less than 18 per cent or more than 23 per cent,

the space shall be purged and ventilated to provide and maintain a safe atmosphere and in addition to the measures and procedures prescribed by subsection (2),

- (c) a competent person shall be in attendance, stationed outside the confined space;
- (d) arrangements shall be made to remove a worker if necessary, and
- (e) a person adequately trained in artificial respiration shall be conveniently available.

(4) Where a space to which subsection (3) applies cannot be purged and ventilated to provide and maintain a safe atmosphere, in addition to the measures and procedures prescribed by subsections (2) and (3), a worker entering or required to enter the space shall use,

- (a) suitable breathing apparatus and a safety harness or other similar equipment to which is securely attached a rope, the free end of which is fastened to a solid support and held by a person who is keeping watch outside the confined space, and who is equipped with an alarm; and
- (b) such other equipment as is necessary to ensure his safety.

(5) The safety harness, rope and other equipment mentioned in subsection (4) shall be inspected to ensure that it is in good working order at all times.

(6) In addition to the requirements of subsections (2), (3), (4) and (5), where the gas or vapour in a confined space is, or is likely to be, explosive or flammable, the confined space shall not be entered unless,

(a) the concentration of the gas or vapour does not, or is not likely to, exceed 50 per cent of the lower explosive limit of the gas or vapour;

(b) only cleaning or inspection is to be performed; and

(c) explosion-proof equipment is used.

(7) Notwithstanding clause (6) (a), cold work may be performed in a confined space which contains, or is likely to contain, an explosive or flammable gas or vapour where the concentration does not, and is not likely to, exceed ten per cent of the lower explosive limit of the gas or vapour.

(8) Where the confined space is a manhole or vault containing electrical equipment, the work shall be,

(a) performed by an electrical utility or an employer specializing in such work;

(b) carried out by at least two competent persons;

(c) performed in accordance with the code of rules, techniques and procedures approved by the Electrical Utilities Safety Association of Ontario, Inc. or Ontario Hydro for work in manholes and vaults containing electrical equipment;

(d) carried out using tools, clothing and equipment that is adequate and specifically designed for the work being performed; and

(e) supervised by a competent person.

(9) The requirements of this section apply, with all necessary amendments, to any confined space while a worker is in that space. O. Reg. 659/79, s. 119 (3-9).

#### EQUIPMENT, GENERAL

120.—(1) A vehicle, crane, hoisting device, machine, tool or other piece of equipment shall,

(a) be maintained in such condition that, when in use, it will not endanger a worker;

(b) if it has an operator's station, have a means of access to that station that shall,

(i) not endanger the operator, and

(ii) have walking, climbing and working surfaces that are of the non-skid type;

(c) not be used,

(i) when it is defective or in a hazardous condition,

(ii) when weather or other conditions are such that their use is likely to endanger a worker, or

(iii) when being repaired or serviced; and

(d) if mechanically powered, be inspected by a competent person,

(i) at least once prior to its initial use on the project, and

(ii) regularly thereafter when in use.

(2) The inspections required under clause (1) (d) shall be for the purpose of,

(a) detecting any defects or hazardous conditions;

(b) determining if the equipment is capable of handling its rated capacity; and

(c) determining that the components critical to safe operation are in proper condition.

(3) The competent person making an inspection required by clause (1) (d) shall immediately upon completion of the inspection, report to his supervisor any defects or hazardous conditions detected during the inspection.

(4) A record of the inspections of a crane or other mechanically powered hoisting device shall be kept in a log book to be maintained for the crane or device showing,

(a) the date on which the inspection was made;

(b) the signature and name of the person making the inspection and the signature and name of the supervisor;

(c) any defects or hazardous conditions detected and the action taken to correct the defect or hazardous condition;

(d) any modifications, extensions, part replacements and repairs made, including the signature and name of the person making the modifications, extensions, part replacements and repairs; and

(e) the date any modifications, extensions, part replacements and repairs were made.

(5) Modifications, extensions, part replacements and repairs made to a vehicle, crane, machine, tool or other piece of equipment shall have at least the same safety factor as that in the original design of the vehicle, crane, machine, tool or other piece of equipment. O. Reg. 659/79, s. 120.

121. A platform, bucket, basket, load, hook or sling that is,

(a) capable of moving; and

(b) supported by a fork-lift truck, front-end loader or other similar machine,

shall not be used as a work place. O. Reg. 659/79, s. 121.

122.—(1) Subject to subsection (2), only a competent person shall operate a vehicle upon a project, and the operator shall,

- (a) be authorized or qualified by law to operate a vehicle upon a highway; or
- (b) have the qualifications to earn a driver's license to operate a vehicle on a highway.

(2) Subsection (1) does not apply to a worker who is,

- (a) being instructed in the operation of a vehicle; and
- (b) accompanied by a person having the qualifications required by subsection (1). O. Reg. 659/79, s. 122.

123. A gear, pulley, belt, chain, shaft, flywheel, saw or other mechanically-operated part of a machine shall be guarded or fenced unless the gear, pulley, belt, chain, shaft, flywheel, saw or other mechanically-operated part of the machine is so located and constructed that it will not endanger any worker. O. Reg. 845/79, s. 8.

124. Where the operator may be exposed to overhead hazards, overhead protection shall be provided by a cab or screen on,

- (a) a power-driven crane, hoisting device, shovel or similar machine;
- (b) a fork-lift truck; and
- (c) a front-end loader or other excavating machine. O. Reg. 659/79, s. 124.

125.—(1) Subject to subsection (3), a vehicle shall not be drawn or towed on a project unless there are two separate means of attachment.

(2) Each means of attachment required by subsection (1) shall be so constructed and attached that the failure of one such means will not permit the vehicle being drawn or towed to become detached.

(3) Subsection (1) does not apply to a vehicle,

- (a) in which there is an operator; and
- (b) that is equipped with brakes capable of stopping the vehicle with its load. O. Reg. 659/79, s. 125.

126.—(1) A worker shall not remain on, or in, a vehicle where he may be endangered during the loading or unloading of the vehicle. O. Reg. 659/79, s. 126(1).

(2) Where a vehicle is left unattended by the operator, such action as may be necessary shall be taken to prevent the vehicle from being started or being set in motion by any unauthorized person. O. Reg. 414/80, s. 1.

(3) Where an unattended vehicle is,

- (a) on sloping ground; or

(b) adjacent to an excavation,

the unattended vehicle shall have its brakes applied and wheels blocked to prevent movement. O. Reg. 659/79, s. 126 (3).

127. Where,

- (a) the bucket of a front-end loader, backhoe or other excavating machine;
- (b) the blade of a bulldozer;
- (c) the forks of a fork-lift truck; or
- (d) the load of a crane or other hoisting machine,

is in a raised position, the operator shall not leave the controls of the equipment unattended. O. Reg. 659/79, s. 127.

128. An operator shall operate a shovel, backhoe or similar excavating machine only in such a manner that the shovel, backhoe or similar excavating machine or any part of its load will not pass over a worker. O. Reg. 659/79, s. 128.

129. Where any equipment or part thereof is being dismantled, altered or repaired and a worker may be endangered by the collapse or movement of the equipment or any part thereof, blocking shall be installed to prevent collapse or movement. O. Reg. 659/79, s. 129.

130.—(1) Where the operator of a crane, shovel or similar machine is obstructed in his view of the path of travel of any part of the crane, shovel or similar machine, or its load, a signalman shall assist the operator,

- (a) by keeping that part of the crane, shovel or similar machine or its load under observation when it is out of the view of the operator; and
- (b) by communicating with the operator,
  - (i) by the use of prearranged visual signals, when conditions are such that the signals are clearly visible to the operator, or
  - (ii) by the use of a telecommunications system when visual signals are not practical.

(2) Where a vehicle, crane, machine or other equipment is to be driven in a location in which the operator or another person may be endangered, the operator shall drive the vehicle, crane, machine or other equipment as directed by a signalman who shall be stationed,

- (a) in full view of the operator;
- (b) with a full view of the intended path of travel; and
- (c) clear of the intended path of travel.

(3) A signalman shall be a competent person. O. Reg. 659/79, s. 130.

131.—(1) Except for a trailer, every vehicle shall be equipped with,

- (a) brakes; and
- (b) a seat or other position for the operator.

(2) Only the operator shall ride upon a vehicle unless a seat is provided for the use of, and is used by, other persons. O. Reg. 659/79, s. 131.

132. Safety chains, cages or other protection against blown-off side or lock rings shall be used when inflating a tire mounted on a rim. O. Reg. 659/79, s. 132.

133. A lifting jack shall,

- (a) have its rated capacity legibly cast or stamped in a location on the jack where it can be readily seen; and
- (b) be equipped with a positive stop to prevent overtravel or, where a positive stop is impracticable, with an indicator. O. Reg. 659/79, s. 133.

134. A gasoline powered chain saw shall,

- (a) be equipped with,
  - (i) an anti-kickback chain, and
  - (ii) a device which will effectively stop the chain in the event of a kickback;
- (b) be examined by the operator before operating to ensure that it is in proper working condition;
- (c) when being started, be held firmly;
- (d) be held firmly by both hands when being used; and
- (e) have the chain stopped when not actually cutting. O. Reg. 659/79, s. 134.

135. Where a hose supplying steam, compressed air or water to a piledriver, hammer or drill carriage may become separated and endanger a worker, a wire rope or chain shall be attached to the hose to prevent it from whipping. O. Reg. 659/79, s. 135.

#### EXPLOSIVE ACTUATED TOOLS

136.—(1) Subject to subsection (2), an explosive actuated fastening tool shall,

- (a) have a firing mechanism that will prevent the tool from being fired,
  - (i) while being loaded,
  - (ii) during preparation for firing, or
  - (iii) if dropped;

- (b) be capable of being operated only when the muzzle end is held against a working surface with a force of at least twenty-two newtons greater than the weight of the tool;
- (c) if required to be dismantled into separate parts for loading, be capable of being operated only when the separate parts are firmly locked together;
- (d) be capable of being fired only after two separate and distinct actions have been carried out by the operator, with the firing movement separate from the operation of bringing the tool into the firing position;
- (e) be used only when equipped with a protective guard or shield,
  - (i) suitable for the particular fastening operation being performed,
  - (ii) mounted at right angles to the barrel,
  - (iii) at least seventy-five millimetres in diameter, and
  - (iv) placed in a central position on the muzzle end of the tool except where the fastener is intended to be driven into a surface at a point within thirty-eight millimetres of another surface that is at an angle to the surface into which the fastener is intended to be driven;
- (f) be capable of being operated when the guard prescribed by clause (e) is placed in the central position only when the bearing surface of the guard is tilted not more than eight degrees from the working surface;
- (g) when not in use, be stored in a locked container;
- (h) not be left unattended where it may be available to a person other than a worker having the qualifications set out in subclause (k) (i);
- (i) whether loaded or unloaded, not be pointed directly at any person;
- (j) not be loaded unless it is being prepared for immediate use;
- (k) be used only,
  - (i) by a worker who has been instructed in the proper and safe manner of its use by the manufacturer or his authorized and qualified agent,
  - (ii) by a worker wearing both head protection and eye protection,

(iii) after it has been inspected by the worker referred to in subclause (i) to ensure that,

- (A) the tool is clean,
- (B) all moving parts operate freely,
- (C) the barrel is free from any obstruction,
- (D) the tool is adequately equipped for the intended use, and
- (E) it is not defective,

(iv) in accordance with the instructions of the manufacturer,

(v) with an explosive load of a strength adequate to perform the intended work without excessive force, and

(vi) to drive a stud or other fastener suitable for insertion in the tool; and

(l) not be used in an atmosphere containing flammable vapours, gases or dusts.

(2) Clauses (1) (e) and (f) do not apply to an explosive actuated fastening tool if the velocity of the stud or other fastener does not exceed ninety metres per second measured at a distance of two metres from the muzzle end of the tool when propelled by the maximum commercially available explosive load that the tool is chambered to accept.

(3) A misfired cartridge that has been removed from an explosive actuated fastening tool shall be placed in a water-filled container until the cartridge may be properly disposed of after its safe removal from the project.

(4) An explosive actuated fastening tool shall be used only by a worker who carries on his person while on a project, a certificate proving that he has been instructed as prescribed by subclause (1) (k) (i). O. Reg. 659/79, s. 136.

**137.** An explosive load for an explosive actuated fastening tool shall,

- (a) be so marked or labelled that the operator can readily identify its strength;
- (b) not be stored in a container where an explosive load of a different strength is stored;
- (c) not be left unattended where it may be available to a person other than a worker having the qualifications set out in subclause 136 (k) (i); and
- (d) when not in use, be stored in a locked container. O. Reg. 659/79, s. 137.

## CRANES AND HOISTING

**138.—(1)** The load carrying capacity of a crane or similar hoisting machine shall be established in accordance with good engineering practice by,

- (a) a competent person, if the crane or similar hoisting machine was manufactured before the 1st day of January, 1974; or
- (b) the manufacturer, if the crane or similar hoisting machine was manufactured on or after the 1st day of January, 1974.

(2) Where the boom, counterweight or other principal part of a crane or similar hoisting machine is modified, extended, altered or replaced on or after the 1st day of January, 1974 so as to affect the load carrying capacity, the revised load carrying capacity shall be established by a professional engineer.

(3) A person shall not subject a crane or similar hoisting machine to a load in excess of its load carrying capacity.

(4) A load rating plate shall be attached to the crane or similar hoisting machine in a location where the operator is able to see it while he is in his operating position.

(5) A load rating plate shall be clear, legible and contain sufficient information to enable the operator to determine the load that the crane or similar hoisting machine is capable of hoisting under any condition.

(6) Where practical, a boom angle indicator shall be provided on all luffing boom cranes. O. Reg. 659/79, s. 138.

**139.—(1)** Cranes shall be set up, assembled, extended and dismantled only,

- (a) by competent persons;
- (b) in accordance with the written instructions of the manufacturer; and
- (c) in such a manner as to eliminate hazards to any person and property.

(2) Only the correct sections for the particular crane shall be used and they shall be in an undamaged condition without either,

- (a) bent lacing and main chords; or
- (b) broken welds.

(3) Only the correct size and quality of nuts, bolts, pins and fastenings shall be used and they shall be assembled in the correct manner and sequence in accordance with the written instructions of the manufacturer.

(4) Outriggers and stabilizing devices, when deployed to meet load capacity chart requirements shall,

- (a) be fully extended to bear the whole weight of the crane; and
- (b) rest on firm ground or blocking adequate to support the maximum loads without failure, unreasonable settlement or deformation.

(5) Unless otherwise specified in written instructions of the manufacturer, cranes shall,

- (a) be operated with their turntables level; and
- (b) have level indicating devices provided and used. O. Reg. 659/79, s. 139.

**140.**—(1) All undercarriages of rail-mounted tower cranes shall be fitted with rail clamps which can be firmly attached to the rails to lock the crane in position.

(2) A rail-mounted tower crane shall be securely locked to the rails when not in use.

(3) A rail-mounted tower crane shall have adequate rail stops or bumpers that,

- (a) are securely attached at both ends of the rails; and
- (b) extend at least as high as the centre of the wheels.

(4) The track bed of a rail-mounted tower crane shall have a sound and rigid base capable of carrying the maximum load to which it is likely to be subjected without unreasonable settlement or deformation. O. Reg. 659/79, s. 140.

**141.**—(1) Automatic means shall be provided for the protection of tower cranes from overload at relative radii, and where the load hoisting capacity changes with the distance of the hook from the tower, the overload protection shall be capable of protecting the crane from overload at the different radii.

(2) Tower cranes shall have a device that automatically applies the brakes when,

- (a) a load reaches its highest permissible position; or
- (b) the trolley reaches its travel limits.

(3) Subject to subsection (4), after every twelve months of actual use, the structural elements and components of a tower crane shall be inspected for soundness by competent persons using approved methods of non-destructive testing.

(4) Where a tower crane remains in use on the same project for more than one year, a detailed visual inspection of the structural elements and components shall be carried out by a competent person.

(5) Except where there is a danger of collision with other cranes, structures or other objects, tower crane jibs shall be permitted to slew freely in the wind when the crane is unattended.

(6) Where a tower crane jib is permitted to slew freely in the wind and the crane is unattended, the empty load block shall be raised near its top position and located at minimum radius. O. Reg. 659/79, s. 141.

**142.**—(1) A rope or cable used by a mechanically powered crane, hoist, or other similar hoisting device shall,

- (a) be steel wire rope of the proper type, size, grade and construction recommended by the manufacturer for the crane hoist or device;
- (b) for boom hoist reeving and pendants, not be non-rotating rope;
- (c) be capable of supporting not less than,
  - (i) three and one half times the maximum load to which it is likely to be subjected if the rope or cable winds on a drum or passes over a sheave,
  - (ii) three times the maximum load to which it is likely to be subjected if the rope or cable is a pendant or is not subject to winding or bending,
  - (iii) ten times the maximum load to which it is likely to be subjected if the crane, hoist or hoisting device is used for hoisting persons;
- (d) be suitable for the sheaves and the drum;
- (e) not be spliced;
- (f) be suitably lubricated to prevent corrosion or wear;
- (g) have the end connections securely fastened and, when in use, have at least three full turns on the drum; and
- (h) be visually inspected by a competent person at least once a week when in use and the condition recorded in a log book.

(2) Subject to subsection (3), steel wire rope shall not be used where,

- (a) six randomly distributed wires are broken in one rope lay, or three or more wires are broken in one strand in any one rope lay;
- (b) wear exceeds one-third of the original diameter of outside individual wires;
- (c) there is evidence of kinking, bird-caging, corrosion or any other damage resulting in distortion of the rope structure;
- (d) there are reductions from nominal rope diameter in excess of,

- (i) one millimetre for diameters up to and including nineteen millimetres,
- (ii) two millimetres for diameters twenty millimetres to twenty-nine millimetres, inclusive,
- (iii) three millimetres for diameters thirty millimetres to thirty-eight millimetres inclusive; or
- (e) there is evidence of any other possible cause of rope failure including contact with electricity of sufficient voltage to damage the rope.

(3) Steel wire rope that is static or used for pendants shall not be used if there are three or more broken wires in one lay, in sections between end connectors, or if there is more than one broken wire at an end connector. O. Reg. 659/79, s. 142.

**143.**—(1) Any attachment of a rope or cable used by a mechanically powered crane, hoist or other similar hoisting device shall be secure and made by,

- (a) the rope or cable being bound around an oval thimble and fastened to itself by three or more clamps; or
- (b) being fastened within,
  - (i) a tapered socket using virgin zinc, or
  - (ii) a wedge type socket fitted with a single line clamp to prevent accidental release or loosening of the wedge.

(2) The dead end of a wedge socket assembly on a hoisting line shall not be long enough to form a loop before clamping. O. Reg. 659/79, s. 143.

**144.**—(1) A container, sling or similar device for the hoisting of an object shall,

- (a) be suitable for the object;
- (b) have sufficient capacity to support the object; and
- (c) be so arranged as to prevent the object or any part of it from falling out of, or off, the sling, container or similar device.

(2) Every part of a hoisting device or assembly, including a hook, shackle, ring, bolt, sling, rope, chain, cable or splice shall,

- (a) be suitable for its use;
- (b) be capable of supporting at least five times the maximum load to which it is likely to be subjected; and
- (c) be capable of supporting at least ten times the maximum load to which it is likely to be subjected if the device is used for hoisting persons.

(3) Web type fabric and nylon slings and similar hoisting devices shall,

- (a) be labelled to indicate their load rating capacity; and
- (b) not be used where the hazard of being cut by sharp edges exists. O. Reg. 659/79, s. 144.

**145.**—(1) Subject to subsection (2), every hoisting hook shall be equipped with a safety catch.

(2) Subsection (1) does not apply to a hoisting hook used in the placing of structural members where the method of placing provides the same standard of protection for a worker as would be provided by a safety catch.

(3) A hoisting hook shall have its load rating legibly cast or stamped on it in a location where it can be readily seen.

(4) A hook block shall have its load rating and weight legibly cast or stamped on it in a location where it can be readily seen.

(5) Hooks,

- (a) with cracks; or
- (b) having more than normal throat openings; or
- (c) any twist from the plane of the unbent hook,

shall not be used.

(6) The overhauling weight used on the cable of a crane or similar hoisting device shall,

- (a) not be split; and
- (b) be prevented from sliding up or down the cable; or
- (c) be securely attached to the load hook and the cable. O. Reg. 659/79, s. 145.

**146.**—(1) Subject to subsection (2), the selection, annealing, normalizing or repairing of a chain shall be made and performed in accordance with the manufacturer's specification.

(2) Only alloy steel chain or chain specifically manufactured for the application shall be used for hoisting.

(3) An alloy chain shall not be annealed or welded. O. Reg. 659/79, s. 146.

**147.** A friction-type clamp used in hoisting materials shall be constructed so that the accidental slackening of the hoisting cable will not release the clamp. O. Reg. 659/79, s. 147.

**148.**—(1) A person shall not operate a crane or other hoisting machine in such a manner that any part of its load will pass over a worker other than when,

- (a) the worker is receiving the load; or
- (b) the worker is engaged in the sinking of a shaft.

(2) Where practicable, a worker who is,

- (a) receiving a load; or
- (b) engaged in the sinking of a shaft,

shall position himself so that the load will not pass over him. O. Reg. 659/79, s. 148.

**149.**—(1) Subject to subsection (2) and sections 82, 213 and 214, a platform, bucket, basket, load, hook or sling that is,

- (a) capable of moving; and
- (b) supported by a cable attached to the boom of a crane or other similar hoisting device,

shall not be used as a work place.

(2) Subsection (1) does not apply to a worker where the worker is in,

- (a) a well; or
- (b) a caisson being drilled by an auger. O. Reg. 659/79, s. 149.

**150.**—(1) Where a worker may be endangered by the rotation or uncontrolled motion of a load being hoisted by a crane or similar hoisting device, one or more guide ropes or tag lines shall be used to prevent the rotation or other uncontrolled motion.

(2) A load shall not be unhooked or unslung until,

- (a) it has been landed; and
- (b) there is no danger of the tipping, collapsing or rolling of the load. O. Reg. 659/79, s. 150.

**151.**—(1) Piles or sheet-piling shall be adequately supported during their hoisting, placing, removal or withdrawal.

(2) Where practicable, only a worker who is directly engaged in any of the operations referred to in subsection (1), shall be in the area where the operations are being carried out. O. Reg. 659/79, s. 151.

**152.** Where materials are being hoisted by helicopter,

- (a) the helicopter pilot shall be,
  - (i) competent in flying externally loaded helicopters, and
  - (ii) in charge of the overall operation including the size, weight and manner in which loads are connected to the helicopter;

(b) ground personnel, including signalmen, shall be competent persons; and

(c) precautions shall be taken to guard against hazards that may be caused by rotor downwash. O. Reg. 659/79, s. 152.

#### ROOFING

**153.** A mechanical hoist, rigid beam or swing beam hoist or other similar roofer's hoist used in roofing shall,

- (a) be operated only by a competent person; and
- (b) have a guardrail that meets the requirements of sections 58 and 59 installed on both sides of the frame at the edge of the roof. O. Reg. 659/79, s. 153.

**154.** The counterweights on a roofer's hoist shall,

- (a) be suitable for the purpose;
- (b) not consist of roofing or other construction material;
- (c) be securely attached to the hoist; and
- (d) be of such weight that their total weight will provide a factor of safety against overturning of not less than three. O. Reg. 659/79, s. 154.

**155.** Where a built-up roof is being constructed, a barrier consisting of portable weighted posts supporting a taut chain, cable or rope shall,

- (a) be placed at least two metres from the perimeter of the roof; and
- (b) be 1.1 metres high. O. Reg. 659/79, s. 155.

**156.**—(1) Where hot tar or asphalt is supplied to a roof by means of a pipe, the supply pipe shall,

- (a) be securely fixed; and
- (b) be supported where necessary to prevent undue deflection.

(2) Where the supply pipe is discharged to a location within two metres of the edge of a roof, a guardrail that complies with section 59 shall be provided at the edge of the roof. O. Reg. 659/79, s. 156.

#### DAMAGED STRUCTURES

**157.**—(1) Where a structure has been so damaged that a worker is likely to be endangered by its partial or complete collapse,

- (a) the structure shall be braced and shored; or
- (b) such other safeguards shall be provided,

to prevent injury to a worker.

(2) The bracing and shoring or other safeguards prescribed by subsection (1) shall be installed progressively to ensure that the workers installing the bracing and shoring or other safeguards are not endangered. O. Reg. 659/79, s. 157.

#### DEMOLITION

**158.** The demolition, dismantling or moving of a building or structure, shall be commenced or continued only when,

- (a) all steps necessary to prevent injury to a person on or near the project or the adjoining property have been taken; and
- (b) all existing gas, electrical and other services, that are likely to endanger a worker having access to the building or structure have been shut off and disconnected. O. Reg. 659/79, s. 158.

**159.** Subject to subsection 164 (1), the exterior walls of a building shall be demolished only when all glass has been,

- (a) removed from windows and other locations; or
- (b) protected so that there is no reasonable possibility of breakage of the glass at any stage of the demolition. O. Reg. 659/79, s. 159.

**160.—**(1) Subject to subsections 164 (1) and (2), and except where a worker may be endangered, demolition and dismantling shall proceed systematically and continuously from the highest to the lowest point of a project.

(2) In a skeleton structural frame building, the skeleton structural frame may be left in place during the demolition or dismantling of the masonry if the masonry and any loose material are removed from the skeleton structural frame in the order prescribed by subsection (1).

(3) Subject to subsection 164 (1), the work above each tier or floor shall be completed before the support of the tier or floor is affected by the demolition or dismantling operations. O. Reg. 659/79, s. 160.

**161.—**(1) Subject to subsection 164 (1), masonry walls shall be removed in reasonably level courses.

(2) Subject to subsection 164 (1), materials shall not be loosened or permitted to fall in masses that are likely to endanger,

- (a) the structural stability of a floor or other support of the project or of a scaffold; or
- (b) a worker. O. Reg. 659/79, s. 161.

**162.** Subject to subsection 164 (1), a truss, girder or other structural member shall not be disconnected until it,

(a) has been relieved of all loads other than its own weight; and

(b) where necessary, has been given temporary support. O. Reg. 659/79, s. 162.

**163.—**(1) A worker shall not stand on top of a wall, pier or chimney to remove material from the wall, pier or chimney, unless adequate flooring, scaffolding or staging not more than 2.4 metres below the place where he is working is provided on all sides of the wall, pier or chimney.

(2) A worker shall not enter any part of a project being demolished that will not safely support him.

(3) Only a worker directly engaged in the demolition, dismantling or moving of a building or structure shall be in, on or near the building or structure.

(4) Where work on a building or structure being demolished or dismantled is suspended or discontinued prior to completion, access by persons to the part of the building or other structure that remains to be demolished or dismantled shall be prevented by the installation of fencing or barriers. O. Reg. 659/79, s. 163.

**164.—**(1) Sections 159, 160, 161 and 162 do not apply to a building or structure that is being demolished by,

- (a) a heavy weight suspended by cable from a crane or other hoisting machine;
- (b) a power shovel, bulldozer or other vehicle;
- (c) any other powered mechanical device;
- (d) explosives; or
- (e) any combination of one or more of the methods mentioned in clauses (a), (b), (c) and (d),

where adequate precautions are taken to ensure that no person is in such a position that he may be endangered by the demolition operations.

(2) The controls of a mechanical device for demolishing a building or structure shall be operated from a location that is as remote as is practicable from the operation.

(3) Where a swinging weight is used for demolition, the supporting cable shall be of such length, or be so restrained, that the weight will not swing against any building or structure other than the building or structure being demolished. O. Reg. 659/79, s. 164.

**165.—**(1) Subject to subsection (2), a basement, cellar or excavation left after the demolition, dismantling or moving of a building or structure shall,

- (a) be backfilled to grade level; or
- (b) have adequate fencing along its open sides.

(2) Subsection (1) does not apply to a basement or cellar that has a roof, floor or other solid covering enclosing it if all openings in the roof, floor or other solid covering are boarded up to prevent access by persons to the basement or cellar. O. Reg. 659/79, s. 165.

### PART III

## TRENCHING

### APPLICATION

166.—(1) Subject to subsection (2), this Part applies to all trenches.

(2) This Part does not apply to a trench, or any portion of a trench,

- (a) where the depth is less than 1.2 metres;
- (b) into which a worker is not required to enter or does not enter;
- (c) where the walls are sloped to within 1.2 metres of the lowest point of the trench and the slope does not exceed a gradient of one in one; or
- (d) where the walls are solid rock. O. Reg. 659/79, s. 166.

### INTERPRETATION

167. In this Part,

- (a) “cleat” means a member of shoring and timbering that directly resists the downward movement of a wale or strut;
- (b) “post” means a vertical member of shoring and timbering that acts as a spacer between wales;
- (c) “prefabricated trench support system” means a trench box, trench-shield or similar structure composed of members connected to one another, capable of being moved as a unit, and designed to resist the pressure from the walls of a trench;
- (d) “sheathing” means the vertical members of shoring and timbering that are placed up against, and directly resist, pressure from a wall of a trench;
- (e) “strut” means a transverse member of shoring and timbering that directly resists pressure from a wale or sheathing;
- (f) “trench depth” means the vertical dimension from the highest point of the excavation to a point level with the lowest point of the excavation;

- (g) “wale” means a longitudinal member of shoring and timbering that is placed against, and directly resists, pressure from sheathing. O. Reg. 659/79, s. 167.

### SUPPORT SYSTEMS

168.—(1) Where a trench or portion of a trench is more than,

- (a) 7.5 metres deep; or
- (b) 3.5 metres wide,

the walls shall be supported by a support system constructed in accordance with the design of a professional engineer who shall prepare drawings and specifications therefor.

(2) The drawings and specifications mentioned in subsection (1) shall be submitted to the Director, in duplicate, before excavation of the trench, or any portion thereof, is commenced.

(3) A copy of the drawings and specifications shall be kept at the project while the support system is in use. O. Reg. 659/79, s. 168.

169. The walls of a trench, other than a trench referred to in subsection 166 (2) or a trench to which section 168 applies, shall be supported by a support system constructed in accordance with this Part.

O. Reg. 659/79, s. 169.

170.—(1) Where a trench has vertical or near vertical walls, the support system shall extend at least thirty centimetres above the top of the trench except where the trench is constructed in a public way, in which case the support system shall extend to the surface of the roadway to permit the top of the trench to be covered for traffic movement when work on, or in, the trench is not in progress.

(2) Where the upper portion of the walls of a trench are sloped and the slope does not exceed a gradient of one to one and the lower portion of the walls of the trench are vertical or near vertical and more than 1.2 metres in height, the vertical or near vertical walls shall be supported by a support system for the trench depth which shall extend at least thirty centimetres above the vertical or near vertical walls and be fitted with toe-boards. O. Reg. 659/79, s. 170.

171.—(1) The support system shall, as far as practicable, be installed while the trench is being excavated.

(2) The support system shall only be removed on completion of the work for which the trench was excavated.

(3) The removal of the support system shall be done by, or under the personal supervision of a competent person. O. Reg. 659/79, s. 171.

172.—(1) The walls of a trench shall be supported by a support system that consists of shoring and timbering equal to, or greater, in strength than the size, composition and arrangement of materials prescribed in the following Table for the type of soil prescribed.

TABLE

TRENCH SHORING AND TIMBERING (METRIC SIZES)							
Trench Depth	Soil Type	Sheathing	Struts				Wales
			Trench Width		Strut Spacing		
			1.8 m to 3.5 m	Up to 1.8 m	Vertical	Horizontal	
3.0 m or less	1	51 mm × 203 mm at 1.2 m o/c	203 mm × 203 mm	102 mm × 102 mm	1.2 m	2.4 m	Not Required 152 mm × 152 mm 152 mm × 152 mm 203 mm × 203 mm
	2	51 mm × 203 mm at 1.2 m o/c	203 mm × 203 mm	102 mm × 102 mm	1.2 m	2.4 m	
	3	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
	4	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
Over 3.0 m to 4.5 m	1	51 mm × 203 mm at 1.2 m o/c	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	203 mm × 203 mm 203 mm × 203 mm 203 mm × 203 mm 254 mm × 254 mm
	2	51 mm × 203 mm at 1.2 m o/c	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
	3	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
	4	75 mm × 203 mm at 10 mm sp.	254 mm × 254 mm	203 mm × 203 mm	1.2 m	2.4 m	
Over 4.5 m to 6.0 m	1	51 mm × 203 mm at 0.6 m	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	203 mm × 203 mm 203 mm × 203 mm 203 mm × 203 mm 305 mm × 305 mm
	2	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
	3	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	152 mm × 152 mm	1.2 m	2.4 m	
	4	76 mm × 203 mm at 10 mm sp.	305 mm × 305 mm	254 mm × 254 mm	1.2 m	2.4 m	
Over 6.0 m to 7.5 m	1	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	203 mm × 203 mm	1.2 m	2.4 m	254 mm × 254 mm 254 mm × 254 mm 254 mm × 254 mm 356 mm × 356 mm
	2	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	203 mm × 203 mm	1.2 m	2.4 m	
	3	51 mm × 203 mm at 10 mm sp.	203 mm × 203 mm	203 mm × 203 mm	1.2 m	2.4 m	
	4	76 mm × 203 mm at 10 mm sp.	305 mm × 305 mm	305 mm × 305 mm	1.2 m	2.4 m	

O. Reg. 659/79, s. 172 (1); O. Reg. 845/79, s. 9.

(2) For the purposes of this Part, soil is classified into the following types:

1. Type 1 soil that,

- (a) is hard, solid, only able to be penetrated by a small sharp object with difficulty;
- (b) can only be excavated by mechanical equipment;
- (c) shows no sign of visible cracks after excavation;
- (d) exhibits a dry, shiny appearance after excavation; and
- (e) possesses a low moisture content and a high degree of internal strength.

2. Type 2 soil that,

- (a) cracks or crumbles;
- (b) can be penetrated by small sharp objects easily;
- (c) can be excavated with hand tools with moderate difficulty;
- (d) exhibits signs of surface cracking;
- (e) exhibits a damp appearance after excavation; and
- (f) possesses a low to medium moisture content and a medium degree of internal strength.

3. Type 3 soil that,

- (a) is loose, soft, sandy or previously excavated;
- (b) can be excavated with hand tools easily;
- (c) will run easily into a well-defined conical pile if dry;
- (d) will flow or shift unless supported if wet; and
- (e) possesses a low degree of internal strength.

4. Type 4 soil that,

- (a) is wet or muddy;
- (b) will run easily or flow unless completely supported immediately after excavation;

(c) exerts substantial fluid pressure upon its supporting system; and

(d) possesses almost no internal strength.

(3) In establishing the type of soil,

- (a) the soil at the walls of the trench and within a horizontal distance from each wall equal to the depth of the trench shall determine the type of the soil in which the trench is excavated;
- (b) the soil shall be typed as the type bearing the higher or highest number where the soil contains significant quantities of more than one type; and
- (c) visual and physical examination shall be used to determine the type that the soil most closely resembles.

(4) The lumber used for shoring and timbering shall be,

- (a) for sheathing, sound number 1 grade spruce; and
- (b) for wales and struts, sound number 1 structural grade spruce.

(5) The sizes of sheathing, wales and struts prescribed in the Table are full size.

(6) In the Table in subsection (1),

- (a) "m" means metres;
- (b) "mm" means millimetres;
- (c) "o/c" means the maximum distance measured from the centre of one member of sheathing, wale or strut to the centre of the next adjacent member of sheathing, wale or strut;
- (d) "10 mm sp." means that the space between the sheathing members is not to exceed ten millimetres. O. Reg. 659/79, s. 172 (2-6).

173.—(1) In a support system consisting of shoring and timbering,

- (a) the sheathing shall be placed against the side of the trench so that the length of each piece of sheathing is vertical;
- (b) the struts shall be horizontal and at right angles to the wales or sheathing supported thereby; and
- (c) the wales shall be parallel to the bottom, or the proposed bottom, of the trench.

(2) The sheathing shall be held securely in place against the wales or, where wales are not used, the

struts, by pressure being firmly exerted on the side of the sheathing adjacent to the wall of the trench.

(3) Where the trench is excavated in type 3 soil or type 4 soil each piece of sheathing shall be driven into the soil so as to be firmly held in place.

(4) Each strut shall be,

(a) cut to the proper length required to fit it tightly between,

(i) the wales, or

(ii) where wales are not used, the sheathing, supported by the strut; or

(b) held securely in place by at least two wedges driven between the strut and,

(i) the wales, or

(ii) where wales are not used, the sheathing,

supported by the strut.

(5) Each strut shall,

(a) have cleats that extend over the length of the strut and rest upon the wales supported by the strut, or other similar devices; and

(b) be attached securely to the strut by spikes or bolts, or be placed on,

(i) cleats, spiked or bolted to posts supporting wales, or

(ii) where wales are not used, cleats or other similar devices spiked to the sheathing.

(6) Each wale shall be supported,

(a) on cleats spiked to the sheathing; or

(b) by posts set on,

(i) the wale next below it, or

(ii) in the case of the lowest wale, the bottom of the trench. O. Reg. 659/79, s. 173.

**174.** Notwithstanding section 172, the walls of a trench may be supported by a prefabricated trench support system constructed in accordance with section 175. O. Reg. 659/79, s. 174.

**175.**—(1) A prefabricated trench support system shall be,

(a) constructed in accordance with the drawings of a prefabricated trench support system designed by a professional engineer as set out in subsection (3); or

(b) constructed so that the size, spacing and composition of the members of the prefabricated trench support system are identical to that prescribed for methods of shoring and timbering by sections 172 and 173.

(2) The capacity of a prefabricated trench support system to resist the pressure from the walls of a trench shall not be less than the capacity of the shoring and bracing prescribed by sections 172 and 173 for a trench of the same width and depth excavated in the same type of soil.

(3) Where a prefabricated trench support system is designed by a professional engineer, drawings of the system shall be prepared by the professional engineer and the drawings shall,

(a) show the size and specifications of the prefabricated trench support system, including the type, grade and size of all the materials to be used for its construction;

(b) state the maximum depth and type or types of soil for which the prefabricated trench support system was designed to be used; and

(c) bear the signature and seal of the professional engineer; and

(d) not be revised, except by a professional engineer.

(4) Two copies of the drawings prescribed by subsection (3) shall be submitted to the Director prior to the initial use of the prefabricated trench support system and one copy of the said drawings shall be kept at the project at all times that the prefabricated trench support system is at the project. O. Reg. 659/79, s. 175.

**176.**—(1) Notwithstanding section 172, on the shoring and timbering of a trench, a metal trench-jack or trench-brace may be used in place of a strut if the allowable working load of the trench-jack or trench-brace is equal to, or greater than, the allowable working load of the strut.

(2) The allowable working load of a trench-jack or trench-brace shall,

(a) be established by a professional engineer;

(b) not exceed one-sixth the ultimate capacity of the trench-jack or trench-brace when it is tested by an axial load in a testing machine, at the maximum length at which the trench-jack or trench-brace is designed to be extended; and

(c) be legibly cast or stamped on the trench-jack or trench-brace in a location where it can be readily seen.

(3) A trench-jack or trench-brace shall,

- (a) when in use in a trench, not be extended beyond the extended length used to establish its capacity under subsection (2);
- (b) be so placed against the sheathing or wale that it supports that the load from the sheathing or wale is, as far as practicable, axially applied to the trench-jack or trench-brace; and
- (c) be adequately supported to prevent movement. O. Reg. 659/79, s. 176.

177. Ladders in a trench shall be so placed that the means of access to the base of any ladder from a part of the trench where a worker is working is protected by the support system. O. Reg. 659/79, s. 177.

#### PART IV

### TUNNELS AND SHAFTS

#### APPLICATION

178. This Part applies to tunnels and shafts, other than a tunnel or shaft at or in connection with a mine. O. Reg. 659/79, s. 178.

#### LAND REQUIREMENTS

179. A tunnel or shaft shall be commenced or continued only where sufficient land space is available to permit compliance with Parts IV and V of this Regulation. O. Reg. 659/79, s. 179.

#### FIRE PROTECTION

180.—(1) Means of extinguishing a fire shall be provided,

- (a) at the top and bottom of every shaft; and
- (b) in every tunnel within thirty metres of,
  - (i) each working face, and
  - (ii) every location where a fire hazard exists.

(2) Notices of the method of sounding or giving a fire alarm throughout a project shall be posted in conspicuous places on the project.

(3) Subject to subsection (4), where the diameter of a tunnel when completed will exceed 1.5 metres, a standpipe, a fire line, an adequate length of hose, and a supply of water at a steady pressure suitable for effective operation of the nozzle shall be provided as the means for extinguishing a fire.

(4) Subsection (3) does not apply where the constructor gives written notice to a Director stating that a fire hazard does not exist in the tunnel and the Director agrees in writing that such is the case. O. Reg. 659/79, s. 180.

181.—(1) A standpipe shall,

- (a) be installed progressively in the shaft;
- (b) be of metal pipe at least 50.8 millimetres inside diameter; and
- (c) have a connection for the use of the local fire department outside the shaft or tunnel to which there is clear and ready access at all times.

(2) A fire line shall,

- (a) be installed progressively in the tunnel;
- (b) be of metal pipe at least 50.8 millimetres inside diameter; and
- (c) have an outlet with a valve at intervals of not more than forty-five metres.

(3) A hose shall,

- (a) be at least 38.1 millimetres inside diameter;
- (b) have a combination straight stream and fog nozzle;
- (c) be at least twenty-three metres in length;
- (d) be provided at 135 metre intervals; and
- (e) when not in use be stored on a rack so as to be readily available. O. Reg. 659/79, s. 181.

182.—(1) Subject to subsections (2) and (3), flammable liquids or gases shall not be underground.

(2) Subsection (1) does not apply to fuel,

- (a) in a tank that is supplied with and is part of an engine or heating device; or
- (b) stored in a safe container for transfer into a tank that complies with clause (a) provided that the quantity stored does not exceed that required for eight hours use.

(3) Subsection (1) does not apply to a compressed gas storage cylinder to which gas welding or flame-cutting equipment is attached. O. Reg. 659/79, s. 182.

183. A flammable liquid or gas shall be stored,

- (a) as remote as practicable from a shaft; and
- (b) in an area so located, or so protected by a dyke or the slope of the ground, that it is not possible for spilled liquid to flow underground. O. Reg. 659/79, s. 183.

184. Lubricating oils shall be stored,

- (a) in a suitable building or storage tank; and
- (b) in a place from which spilled liquid will not run toward any shaft or tunnel. O. Reg. 659/79, s. 184.

185. Oil for use in hydraulic-powered equipment underground shall be of a type that,

- (a) is not readily flammable; and
  - (b) does not readily support combustion.
- O. Reg. 659/79, s. 185.

186.—(1) Combustible equipment, including welding cable and air-hoses shall not be stored underground unless required for immediate use.

(2) Electrical cable or gas hose shall not be taken or used underground unless,

- (a) it has an armoured casing or jacket of a material that is not readily flammable and does not readily support combustion; and
- (b) it is marked to indicate that it has the casing or jacket required under clause (a). O. Reg. 659/79, s. 186.

187. Used or decayed timber, scrap wood, paper and combustible rubbish of any kind shall not be allowed to accumulate underground, and shall be promptly removed. O. Reg. 659/79, s. 187.

#### FIRST AID

188.—(1) A first-aid kit conforming to the regulations under the *Workmen's Compensation Act* shall be provided and kept in the immediate vicinity of the above-ground entrance to a shaft or tunnel.

(2) When practicable, one or more such kits shall be located underground. O. Reg. 659/79, s. 188.

189. At least one stretcher of the wire-basket type shall be provided and kept at each tunnel or shaft for each twenty-five persons or fraction thereof likely to be underground at any one time. O. Reg. 659/79, s. 189.

190. One or more competent persons shall be appointed by the supervisor in charge of the project to be available to perform first-aid treatment at a shaft or tunnel. O. Reg. 659/79, s. 190.

#### RESCUE OF WORKERS

191.—(1) Arrangements shall be made by the supervisor in charge of the project for the rescue of workers in the case of an emergency and notices signed by the supervisor containing a summary of the rescue arrangements shall be posted in conspicuous places on the project.

(2) At least four workers trained in rescue work shall be available on short notice, with suitable equipment to perform rescue work.

(3) Where the combined length of tunnel and shaft exceeds forty-five metres, the equipment required by subsection (2) shall include masks of the self-contained breathing apparatus type and the masks shall,

- (a) be kept readily available for immediate use and located in close proximity to the service shaft or other means of access to a tunnel;
- (b) be inspected and tested at least once a week to ensure that they are in working order; and
- (c) be sufficient in number for any rescue work that may be required, but in any event, not less than four.

(4) Where subsection (3) applies, training shall be provided, at least once every thirty days, to workers required to be available to perform rescue work, in the proper operation of the masks required under that subsection (2) by a competent person appointed for that purpose. O. Reg. 659/79, s. 191.

#### COMMUNICATIONS

192.—(1) Subject to subsection (2), where the services of a police department, fire department or ambulance are reasonably available to a project, and it is possible to provide prompt and direct communication with such services by the use of a public telephone or a radio telephone, such communication shall be installed on the project, or arranged for nearby, before work on the project is commenced.

(2) Where a project is to be of over fourteen days duration, the project shall,

- (a) have a telephone connected to a public telephone system; or
- (b) where a telephone as prescribed by clause (a) is not practicable, have a radio telephone permitting communication with an office of the constructor having a telephone connected to a public telephone system. O. Reg. 659/79, s. 192.

193. During the construction of a shaft, an effective means of communicating between the lowest point of the shaft and the surface shall be provided. O. Reg. 659/79, s. 193.

194. A completed service shaft more than six metres in depth shall have a means, other than by telephone, of exchanging distinct and definite signals between the top and bottom of the shaft. O. Reg. 659/79, s. 194.

195.—(1) Where the work at the face of a tunnel is to be, or is, twenty-three metres or more from,

- (a) the top of the service shaft; or
- (b) where the tunnel is not constructed from a service shaft, the opening into the tunnel,

a telephone system shall be provided before work on the tunnel is commenced.

(2) A telephone system shall,

- (a) have telephones located at,

- (i) the office of the supervisor in charge of the project,
  - (ii) the top of the service shaft or, where the tunnel is not constructed from a service shaft, the opening into the tunnel,
  - (iii) the bottom of the service shaft,
  - (iv) any other means of access to the service shaft, and
  - (v) within thirty metres of the working face of the tunnel;
- (b) be so installed that a conversation can be carried on between any two telephones in the system;
- (c) use circuits for voice communication that are independent from the circuits used to signal from one telephone to another; and
- (d) have a notice posted at each telephone,
- (i) indicating clearly how to call any other telephone in the system,
  - (ii) establishing an emergency signal, and
  - (iii) stating that the telephone is to be answered when the emergency signal is heard. O. Reg. 659/79, s. 195.

196. Where a person is to be conveyed in a shaft, the hoist operator shall, before the person enters the conveyance, be notified by a signal in accordance with subsection 197 (1) that a person will be on the conveyance. O. Reg. 659/79, s. 196.

197.—(1) The following code of signals shall be used to give signals between a hoist operator's position, the top and bottom of the shaft and any landings in the shaft:

CODE OF SIGNALS

Where the conveyance is in motion— 1 signal	Stop
Where the conveyance is stationary— 1 signal	Hoist
2 signals together	Lower
3 signals together (to be given before any person enters the conveyance)	Person will be on conveyance. Operate carefully

(2) Where it is necessary for the operation of the hoist, signals, in addition to those prescribed by subsection (1), shall be established by the supervisor in charge of the project.

(3) A legible copy of the signal code in letters at least thirteen millimetres in height on a board or metal plate, not less than forty-five centimetres by forty-five centimetres shall,

- (a) be securely posted at each landing of the hoistway; and
- (b) be securely posted at a point from which it is readily visible to the hoist operator.

(4) The signal to move a conveyance shall be given only from the landing from which the conveyance is to move.

(5) The hoist operator shall acknowledge all signals received by him by returning the signal. O. Reg. 659/79, s. 197.

LIGHTING AND ELECTRICITY SUPPLY

198. All electrical circuits of 100 volts or more shall be in an insulated cable consisting of at least two feed wires and a grounding wire. O. Reg. 659/79, s. 198.

199. All electrical pumps, electrical tools and similar equipment shall be,

- (a) effectively grounded; or
- (b) double or fully insulated. O. Reg. 659/79, s. 199.

200.—(1) An area of a tunnel or shaft that is not adequately lit by natural light shall be electrically illuminated.

(2) Flashlights shall be readily available at all times at the top and bottom of every shaft and near the working face of a tunnel.

(3) Where electrical lighting is provided, an emergency electrical lighting system shall be installed, and shall,

- (a) be connected to the electrical supply so that in the event of the failure of that electrical supply, the emergency lighting system will automatically turn on;
- (b) where battery-powered, be provided with a testing switch; and
- (c) be tested as frequently as necessary to ensure that the system will function in an emergency but not less frequently than recommended by the manufacturer. O. Reg. 659/79, s. 200.

SHAFTS

201. A means of access and egress by stairway, ladder or ladderway shall be provided for the full depth of a shaft during its construction and after its completion. O. Reg. 659/79, s. 201.

202. A stairway, ladder or ladderway for a shaft over six metres in depth shall,

- (a) have landings not more than 4.5 metres apart of sufficient width to permit at least two persons to pass safely;
- (b) be so arranged that the stair or ladder immediately above each landing is off-set from the stair or ladder immediately below; and
- (c) be located in a sheathed compartment so constructed that should a person fall he would fall onto the landing below. O. Reg. 659/79, s. 202.

203.—(1) Subject to subsection (2), every conveyance in a service shaft over six metres in depth shall be operated in a compartment separated from any stairway, ladder or ladderway in the same shaft by a lining consisting of solid planking at least fifty-one millimetres thick and spaced not more than ten millimetres apart.

(2) Subsection (1) does not apply to a service shaft where the hoisting area is so remote from the stairway, ladder or ladderway that there is not any possibility of a load, bucket or other device being hoisted or lowered coming into contact with the stairway, ladder or ladderway. O. Reg. 659/79, s. 203.

204.—(1) Subject to subsection (2), a shaft shall be of sufficient size to enable the walls to be adequately shored with sufficient clear space for work to be done.

(2) Where a service shaft is over six metres in depth or is serving a tunnel over fifteen metres in length, the minimum inside dimension for clear passage, measured between the wales or other wall supports, shall be not less than,

- (a) 2.4 metres in the case of a cylindrical shaft; and
- (b) 1.5 metres in the case of a shaft that is not cylindrical,

and, in the case of a shaft that is not cylindrical, the transverse cross-sectional area for clear passage shall not be less than 5.7 square metres. O. Reg. 659/79, s. 204.

205.—(1) An adequate barrier, at least 1.07 metres in height, shall be provided around the top of an uncovered shaft.

(2) The barrier required by subsection (1) shall be,

- (a) free of splinters and protruding nails; and
- (b) where the depth of the shaft exceeds 2.4 metres shall consist of,
  - (i) a top rail,
  - (ii) an intermediate rail, and

(iii) a toe-board,

of thirty-eight millimetre by 140 millimetre lumber securely fastened to vertical supports spaced at intervals of not more than 2.4 metres.

(3) Except when it is required to be open for the purpose of access or egress, where a gate is necessary in a barrier to give access to and egress from a shaft, the gate shall be kept closed and latched.

(4) The ground adjacent to the top of a shaft shall be sloped away from the barrier to prevent the entry of water or other liquids.

(5) A shaft shall be kept clear of ice and loose objects that may endanger a worker. O. Reg. 659/79, s. 205.

206.—(1) Where a hoistway is over six metres deep and hoisting is carried out by mechanical power, a landing on the hoistway, other than a landing at the bottom of the hoistway, shall have a gate,

- (a) located within twenty centimetres of the hoistway;
- (b) that extends the full width of the hoistway from within fifty millimetres of the floor level to a height of at least 1.8 metres;
- (c) that is solidly constructed without any gaps that would permit the entry of a ball thirty-eight millimetres in diameter; and
- (d) that is equipped with a light that is readily visible to the hoist operator indicating when the gate is closed,

and a landing at the bottom of the hoistway shall have,

- (e) a gate in conformity with clauses (a), (b), (c) and (d); or
- (f) one or more red light bulbs,

(i) so located that at least one red light bulb is visible to a person approaching the hoistway from a tunnel or from the lower end of a stair or ladder, and

(ii) controlled by a switch readily accessible to a shaft attendant.

(2) Except when a conveyance is stationary at a landing, the gate prescribed in subsection (1) shall be kept closed at all times.

(3) The red light bulbs prescribed in clause (1) (f) shall,

- (a) be flashed off and on when hoisting is being carried out; and
- (b) at times other than when hoisting is being carried out, be kept on while any person is in a

shaft or tunnel from which he has access to the hoistway. O. Reg. 659/79, s. 206.

207.—(1) Except for a shaft that is less than 1.2 metres in depth or is cut in solid rock, the walls of a shaft shall be supported by adequate shoring and bracing in order to prevent their collapse.

(2) The walls of a shaft cut in solid rock shall be supported where necessary by rock bolts, wire mesh or an equally effective method to prevent the spalling of loose rock.

(3) Without limiting the generality of subsection (1), shoring and bracing for a shaft more than six metres in depth shall be,

- (a) designed by a professional engineer in accordance with good engineering practice to withstand all loads likely to be applied to the shoring and bracing; and
- (b) constructed in accordance with the design of the professional engineer referred to in clause (a).

(4) Drawings of the shoring and bracing,

- (a) bearing the signature and seal of the professional engineer; and
- (b) showing the size and specifications of the shoring and bracing, including the type and grade of all materials to be used in its construction,

shall be submitted to a Director, in duplicate, before construction of the shoring and bracing.

(5) Without limiting the generality of subsection (1), the walls of a square or rectangular shaft of not more than six metres in depth and not more than three metres in length in any side shall be fully sheathed with Number 1 Grade spruce planks at least fifty-one millimetres thick by 152 millimetres wide placed side by side and supported by wales and struts of Number 1 structural Grade spruce which are,

- (a) located not more than 1.2 metres apart vertically;
- (b) where the shaft is not more than 2.7 metres in depth, not less than 152 millimetres by 152 millimetres;
- (c) where the shaft is more than 2.7 metres but not more than 4.3 metres in depth, not less than 203 millimetres by 203 millimetres;
- (d) where the shaft is more than 4.3 metres but not more than six metres in depth, not less than 254 millimetres by 254 millimetres; and
- (e) adequately supported by vertical posts extending to the bottom of the shaft. O. Reg. 659/79, s. 207.

## HOISTING

208.—(1) All parts of a hoisting apparatus, including cables, brakes, guides and fastenings shall be,

- (a) adequately designed and constructed; and
- (b) capable of being conveniently inspected.

(2) All safety devices on a hoisting apparatus shall be tested by the hoist operator,

- (a) before a conveyance is initially put into service on a project; and
- (b) at least once every three months after being put into service on a project,

to ensure that they will function.

(3) A record shall be made of the tests required to be performed by subsection (2) and kept available for inspection at the project.

(4) Every hoist drum shall have a flange at each end to retain the hoist rope on the drum. O. Reg. 659/79, s. 208.

209.—(1) Subject to subsection 213 (4), maximum rates of speed for conveyances transporting persons in a hoistway shall be established by the supervisor in charge of the project and a notice showing the maximum rates shall be posted in a conspicuous place at each hoisting plant.

(2) The maximum number of persons and the maximum weight of material that may be carried safely on a conveyance shall be determined by the supervisor in charge of the project.

(3) A notice bearing the signature of the supervisor in charge of the project stating the maximum limits as prescribed by subsection (2) shall be posted in a conspicuous place near each hoistway entrance.

(4) A conveyance shall not be loaded beyond the maximum limits set out in the notice prescribed by subsection (3).

(5) A hoist shall be operated only in a manner that complies with a notice posted under subsections (1) and (3).

(6) Each shaft attendant shall,

- (a) be appointed by the supervisor in charge of the project; and
- (b) be at least nineteen years of age.

(7) At least one shaft attendant shall be on duty at the top of the shaft where a hoist is being used or where any worker is within the confines of the shaft or a tunnel connected to the shaft.

(8) A communication system of pre-arranged signals or by voice, between the shaft attendant, the hoist operator and any other attendant shall,

- (a) be established by the supervisor in charge of the project before any hoisting is done; and
- (b) be practicable and clearly understood by the hoist operator, the shaft attendants and the workers.

(9) A shaft attendant shall,

- (a) give the hoist operator the signals for starting and stopping the hoist;
- (b) warn workers of any hazards in or near a shaft; and
- (c) as far as is practicable, remove any known hazard.

(10) A worker shall be appointed by the supervisor in charge of the project to be available,

- (a) at the bottom of a shaft; and
- (b) at any other landing in the shaft,

to control the movement of materials to and from the conveyance.

(11) The movement of materials to and from a conveyance shall be under the control and direction of the worker appointed under subsection (10). O. Reg. 659/79, s. 209.

**210.**—(1) A hoist shall be operated only by a competent person appointed by the supervisor in charge of the project.

(2) A machine room of a hoist shall be entered, or attended, only by persons required to be there. O. Reg. 659/79, s. 210.

**211.**—(1) A hoist operator shall operate and watch over a hoist and all machinery associated with the hoist to detect any hazardous conditions.

(2) A hoist operator shall,

- (a) ensure that the signal code established for the hoist is understood by the hoist operator and the shaft attendants;
- (b) not operate the hoist unless it is provided with,
  - (i) indicators indicating the position of the conveyance; and
  - (ii) brakes and distance markers on the hoisting ropes and cables;
- (c) not converse with anyone while the hoist is in motion or while signals are being given;

(d) not operate the hoist at a speed exceeding the maximum rate of speed established for the transportation of materials or persons under subsection 209 (1);

(e) inspect the hoisting machinery and safety appliances connected to the hoisting machinery at least once a day and make a record of the inspection in a log book;

(f) not carry any load by a hoist where the hoist has been stopped for repairs unless he has,

- (i) run the empty conveyance up and down the shaft at least once after the repairs have been made, and

- (ii) determined that the hoist and shaft are in proper working order;

(g) not operate the hoist in any compartment of the shaft while work is being done in the compartment, except where it is necessary to operate the hoist for the purpose of work in the compartment;

(h) not turn over the controls of the hoist to another person while a conveyance is in motion; and

(i) report immediately to the supervisor in charge of the project any defects in the hoisting machinery and safety appliances. O. Reg. 659/79, s. 211.

**212.**—(1) A conveyance being used to carry materials or equipment, other than hand tools or similar small objects, shall not be used to transport a worker.

(2) The path of travel of an object being hoisted or lowered from or into a shaft by a crane shall not pass over a manway unless the manway is protected by adequate overhead protection as prescribed in section 15.

(3) A hinged door that opens upward shall be provided for the opening at the top of a shaft and the door shall cover the opening while a worker is entering or leaving a bucket that is over the opening. O. Reg. 659/79, s. 212.

**213.**—(1) Subject to subsection (2), a bucket or similar conveyance shall not be used to transport a worker in a shaft.

(2) Subject to subsections (3), (4) and (5), a bucket or similar conveyance may be used to transport a worker in a shaft for the purpose of inspecting the hoistway where no other method of access to the parts of the hoistway is available.

(3) A bucket used to transport a worker shall,

- (a) be at least 1.2 metres in depth;
- (b) have smoothly contoured outer surfaces to prevent the bucket from tipping or becoming

snagged by any obstacle during hoisting or lowering in the shaft; and

(c) not be self-opening.

(4) A pivoted bucket being used to transport a worker that is manually dumped and is not self-guided shall,

(a) be equipped with a lock to prevent tipping; and

(b) be so pivoted that it will not automatically invert when the lock is released.

(5) A bucket being used to transport a worker that is not controlled by a cross head running in vertical guides, shall not be hoisted and lowered at a rate of speed greater than 0.5 metre per second. O. Reg. 659/79, s. 213.

**214.** A skip shall not be used to transport a worker unless,

(a) the worker is inspecting guidrails or shaft supports; and

(b) the skip is protected by an overwind device to prevent the skip being hoisted to the dumping position. O. Reg. 659/79, s. 214.

**215.—(1)** Where a service shaft will be over thirty metres in depth when completed the shaft shall have a hoist with a conveyance consisting of a cage or car that is suitable for the hoisting and lowering of workers.

(2) Subject to subsection (3), the hoist referred to in subsection (1) shall,

(a) be installed as soon as practicable;

(b) have a headframe that is,

(i) electrically grounded for protection against lightning, and

(ii) designed by a professional engineer;

(c) have guides to control the movement of the conveyance;

(d) have a device that automatically stops the conveyance when it runs beyond the limit of its normal travel; and

(e) have a brake on the hoisting machine that automatically stops and holds the conveyance if the hoisting power fails.

(3) Where a shaft is in solid rock, it may be excavated to a depth of not more than thirty metres before the headframe and guides are installed. O. Reg. 659/79, s. 215.

**216.—(1)** Subject to subsection (2), every conveyance used for conveying workers in a shaft shall be provided with a suitable device that,

(a) automatically operates to prevent the conveyance from falling if the cable breaks or becomes slack; and

(b) is capable of holding the conveyance stationary with the maximum number of persons that may be carried as determined by the supervisor in charge of the project under section 209.

(2) Subsection (1) does not apply,

(a) to the lowest eighteen metres of the run of the conveyance during the construction of a shaft in solid rock; or

(b) to a bucket or a skip operated in compliance with section 213 or 214.

(3) A device shall be installed to warn the hoist operator when a conveyance carrying workers in a shaft has reached the normal limit of its travel. O. Reg. 659/79, s. 216.

**217.** A cage or car for conveying workers in a service shaft shall,

(a) be at least 1.8 metres in height;

(b) be solidly enclosed except for the means of access or egress;

(c) not have more than two means of access and egress;

(d) have a gate at an opening providing a means of access or egress that,

(i) does not open outward,

(ii) extends the full width of the opening from within fifty millimetres of the floor level of the conveyance to a height of at least 1.8 metres, and

(iii) is solidly constructed without any gaps that would permit the entry of a ball thirty-eight millimetres in diameter; and

(e) have a protective cover that,

(i) is of sufficient size and strength to protect a worker in the conveyance from the hazard of falling objects, and

(ii) has a trap door for emergency access not less than sixty centimetres by sixty centimetres. O. Reg. 659/79, s. 217.

#### TUNNELS

**218.—(1)** Clear space shall be provided in tunnels sufficient for,

(a) the passage of vehicles; and

(b) the movement of workers.

(2) Notwithstanding subsection (1),

(a) the diameter of a circular or elliptical tunnel; and

(b) the width and height of a square or rectangular tunnel,

shall be at least seventy-six centimetres.

(3) The clear space between one side of a tunnel and the nearer side of,

(a) any trackless haulage equipment that is being used; or

(b) any locomotive, haulage car or machine operating on a track,

in a tunnel shall be at least forty-five centimetres.

(4) In a circular tunnel a safety platform shall be provided at sixty-metre intervals which shall,

(a) be of sufficient length for a crew of workers to stand upon;

(b) be constructed above the tunnel invert; and

(c) be adequately clear of passing equipment. O. Reg. 659/79, s. 218.

**219.—(1)** Except for a tunnel cut in solid rock, the sides and roof of a tunnel shall be adequately supported by,

(a) timbers set on ribs or beams; or

(b) a system of lining as effective as that referred to in clause (a).

(2) The sides and roof of a tunnel cut in solid rock shall,

(a) be supported, where necessary, by rock bolts or wire mesh to prevent the spalling of loose rock;

(b) be inspected daily by a competent person; and

(c) have all loose pieces of rock removed, so as not to endanger a worker.

(3) Where the permanent lining of a tunnel is to consist of a primary lining and a secondary lining, the primary lining shall have sufficient strength to support the sides and roof of the tunnel until the secondary lining is installed.

(4) Where a tunnel is to be more than twelve metres in length,

(a) the primary supports of the tunnel shall be designed by a professional engineer in accord-

ance with good engineering practice to withstand all loads likely to be applied to such supports;

(b) the primary supports shall be constructed in accordance with the design; and

(c) drawings of the design bearing the signature and seal of the professional engineer shall be available for inspection at the project.

(5) Where the permanent lining of a tunnel consists only of a concrete cast-in-place lining, the tunnel shall not be excavated beyond the leading edge of the permanent lining unless adequate temporary shoring is installed as soon as is practicable. O. Reg. 659/79, s. 219.

#### TUNNEL EQUIPMENT

**220.** Where a haulage locomotive, trackless haulage equipment or hoist in a shaft or tunnel is left unattended,

(a) the controls shall be placed in the neutral position; and

(b) the brakes shall be set, or other measures, such as blocking, shall be taken to prevent movement. O. Reg. 659/79, s. 220.

**221.—(1)** A haulage locomotive shall,

(a) have suitable brakes;

(b) be equipped with an audible bell; and

(c) be so designed that,

(i) its controls can be operated only by a worker at the driver's station, and

(ii) power will be cut off from the driving mechanism unless the control regulating the power is continuously operated by the worker at the driver's station.

(2) The worker at the driver's station shall sound the bell prescribed by clause (1) (b) when the locomotive,

(a) is set in motion; or

(b) approaches any person.

(3) Only the driver shall ride on a haulage locomotive.

(4) A worker shall ride on a haulage train only in a car provided for that purpose. O. Reg. 659/79, s. 221.

**222.** A device shall be installed to prevent uncontrolled travel by a haulage car. O. Reg. 659/79, s. 222.

223.—(1) Track for haulage equipment shall be securely fastened to the ties on which it is laid.

(2) Where the ties referred to in subsection (1) interfere with the use of the bottom of the tunnel as a walkway, a solid walkway, at least thirty centimetres wide, shall be provided. O. Reg. 659/79, s. 223.

224.—(1) The air inlet to an air compressor shall be located in such a position that fumes or noxious contaminants are not drawn in with the air to be compressed.

(2) A valve connected to a vessel used for storing compressed air shall be,

- (a) connected at the lowest point of the vessel to permit the discharge of the compressed air; and
- (b) opened at least once each shift for the purpose of ejecting oil, water and other matter. O. Reg. 659/79, s. 224.

225.—(1) Pumping equipment,

- (a) of sufficient capacity to handle the pumping requirements of the project; and
- (b) connected to an adequate source of energy,

shall be provided and maintained in working order.

(2) Sufficient spare pumping equipment and an alternative source of energy shall be provided and readily available in the event of an emergency.

(3) Every tunnel and shaft shall be kept reasonably free of water at all times that a worker is required to be in the tunnel or shaft. O. Reg. 659/79, s. 225.

226. An internal combustion engine shall only be used in a tunnel where the Director has given written permission to do so. O. Reg. 659/79, s. 226.

#### EXPLOSIVES

227.—(1) Except for the operator, a vehicle or conveyance being used for transporting explosives or blasting agents shall carry explosives or blasting agents only.

(2) Detonators shall be transported in a conveyance or vehicle other than that used to carry explosives or blasting agents.

(3) Where mechanical track haulage is used in a tunnel, explosives or blasting agents shall not be transported,

- (a) on the locomotive; or
- (b) in the same car as the detonators.

(4) Where explosives or blasting agents are being transported by mechanical haulage, including trackless equipment, in a tunnel,

- (a) uninterrupted and clear passage of travel for the vehicle or conveyance shall be provided;
- (b) the vehicle or conveyance shall be conspicuously marked by suitable signs or red flags easily visible from the front and the rear;
- (c) the explosives or blasting agents shall be in a wood box or be separated by a wood lining from any metal part of the vehicle or conveyance;
- (d) the explosives or blasting agents shall be so arranged, secured or fastened to prevent any part of the explosives or blasting agents from being dislodged;
- (e) the speed of the vehicle or conveyance shall not exceed six kilometres per hour; and
- (f) the vehicle or conveyance shall not be left unattended.

(5) Where explosives or blasting agents are to be transported in a shaft, the hoist operator and shaft attendants shall be notified by the worker in charge of blasting operations before the explosives or blasting agents are put in the conveyance. O. Reg. 659/79, s. 227.

228. A flashlight shall be provided to a worker who,

- (a) is engaged in a blasting operation; or
- (b) is in an area from which his means of egress passes the place where the blasting is to be done. O. Reg. 659/79, s. 228.

229.—(1) Subject to subsection (2), all explosives and blasting agents shall be fired electrically.

(2) Where block holing is to be done tape fuse may be used.

(3) Drilling or charging operations in a shaft or tunnel shall not be carried on simultaneously,

- (a) on the same face above or below each other; or
- (b) within a 7.5 metre horizontal distance from each other. O. Reg. 659/79, s. 229.

230.—(1) Where a shot is not heard and a faulty circuit is indicated,

- (a) the blasting circuit shall be locked in the open position;
- (b) the lead wires shall be short-circuited; and
- (c) the circuit shall be repaired after completing the operations prescribed in clauses (a) and (b).

(2) Where a shot is heard, a worker shall,

- (a) remain in his place of refuge; and

(b) not return to the blast area,  
for at least ten minutes thereafter.

(3) Any suspected misfire of explosives or blasting agents shall be reported to the supervisor in charge of the project.

(4) Any charge of explosives or blasting agents that has misfired shall be left in place and blasted as soon as it has been discovered. O. Reg. 659/79, s. 230.

**231.** When a blasting operation is completed,

(a) the switch shall be locked in the open position;

(b) the lead wires shall be short-circuited; and

(c) the blasting box shall be locked. O. Reg. 659/79, s. 231.

**232.—(1)** Where the source of current for blasting is a portable direct current battery or a blasting machine, the firing cables or wires shall,

(a) not be connected to the source of current until immediately before they are required for firing the charges; and

(b) be disconnected immediately after the firing of the charges.

(2) The firing cables or wires leading to a face shall be short-circuited while the leads from the blasting caps are being connected to each other and to the firing cables.

(3) A short-circuit shall be removed only when the worker doing the blasting and all workers have retreated from the face and are so located that, should a premature explosion occur, it will not endanger the worker opening the short-circuit.

(4) A short-circuit shall be replaced immediately after the firing cables or wires have been disconnected from the blasting machine or the blasting switch has been opened.

(5) Separate firing cables or wires for firing charges shall be used for each working location.

(6) Where firing cables or wires are used in the vicinity of power or lighting cables, the firing cables or wires shall be prevented from coming in contact with the power or lighting cables. O. Reg. 659/79, s. 232.

**233.** Except for a portable hand-operated device, a device used for firing charges shall be so arranged that,

(a) the switch mechanism will automatically return by gravity to the open position;

(b) the live side of the device is installed in a fixed locked box which is accessible only to the worker doing the blasting who shall be a competent person;

(c) the leads to the face are short-circuited when the contacts of the electric blasting device are in the open position; and

(d) the box in which the electric blasting device and the short-circuiting device are mounted,

(i) has a lock, and

(ii) can only be closed when the contacts of the electric blasting device are open and the short-circuiting device is in place. O. Reg. 659/79, s. 233.

**234.** Except for a hand-held portable blasting device, a circuit used for blasting shall be from an isolated ungrounded power source and shall be used only for blasting. O. Reg. 659/79, s. 234.

#### VENTILATION

**235.** An adequate quantity of fresh air shall be circulated throughout working places underground. O. Reg. 659/79, s. 235.

**236.** All areas underground where workers are not protected by adequate,

(a) mechanical ventilation; or

(b) respiratory equipment,

shall be tested at regular intervals to detect the presence of any noxious or toxic gas, fume or dust. O. Reg. 659/79, s. 236.

**237.** Where mechanical ventilation is provided or respiratory equipment is being worn in an underground area, tests shall be made at regular intervals by a competent person to ensure that the mechanical ventilation or the respiratory equipment is adequate. O. Reg. 659/79, s. 237.

**238.** Where an internal combustion engine or other device which emits a noxious gas or fume is in a shaft, adequate mechanical ventilation shall be provided unless the noxious gas or fume is discharged outside the shaft so that its return to the shaft is prevented. O. Reg. 659/79, s. 238.

#### PART V

#### WORK IN COMPRESSED AIR

#### APPLICATION

**239.** Except for divers or persons working in diving bells, this Part applies to work in compressed air. O. Reg. 659/79, s. 239.

#### INTERPRETATION

**240.** In this Part,

(a) "air lock" means a chamber designed for the passage of persons or material or both persons and material from one place to another place having a different air pressure;

- (b) "compressed air" means air mechanically raised to a pressure higher than atmospheric pressure;
- (c) "decompression sickness" means a condition of bodily malfunction caused by a change from a higher air pressure to a lower air pressure and includes the condition commonly known as the bends;
- (d) "kilopascals" and "kPa" means kilopascals above atmospheric pressure;
- (e) "maximum air pressure" means the greatest air pressure that is applied to a person for more than five minutes;
- (f) "medical lock" means a chamber in which persons may be subjected to changes in air pressure for medical purposes;
- (g) "pounds" and "psig" means pounds per square inch above atmospheric pressure;
- (h) "superintendent" means the person appointed by a constructor to be in charge of work in compressed air;
- (i) "working chamber" means the part of a project that is used for work in compressed air, but does not include an air lock or a medical lock. O. Reg. 659/79, s. 240.

## GENERAL

241. No constructor shall begin work at a project where,

- (a) he proposes to subject a worker to compressed air; or
- (b) a worker may be subjected to compressed air,

unless the constructor has,

- (c) notified the Director in writing at least fourteen days before beginning the work; and
- (d) received the Director's written permission for the work. O. Reg. 659/79, s. 241.

242.—(1) Before any worker is subjected to compressed air, the constructor shall,

- (a) give to the local police department, nearest fire department and the nearest public hospital a written notice setting out,
  - (i) the location of the project,
  - (ii) the hazards peculiar to work in compressed air,
  - (iii) the name, address and telephone number of the project physician and the superintendent, and

- (iv) the location of the medical lock for the project and any other medical lock that is readily available; and

- (b) send forthwith to the Director a copy of the notice required under clause (a) together with the names and addresses of the police department, fire department and hospital to which the notice was given.

(2) Where work in compressed air is completed the constructor shall give notice of the completion of the work to the police department, fire department and hospital to which the notice under subsection (1) was given. O. Reg. 659/79, s. 242.

243.—(1) Where work in compressed air is to be carried out on a project, the constructor shall appoint a competent person to be the superintendent.

(2) A superintendent shall,

- (a) before a worker is first subjected to compressed air, ensure that the worker is fully instructed,
  - (i) in the hazards of working in compressed air, and
  - (ii) in the measures to be taken to safeguard the health and safety of the worker and other workers on the project,

and shall obtain from the worker receiving the instruction an acknowledgement signed by the worker that he has received the instruction;

- (b) designate for each work shift at least one worker who is a competent person as a lock tender to attend to the controls of an air lock; and
- (c) ensure that while a worker is in compressed air, a worker who is a competent person, in addition to the lock tender, is available to perform the duties of a lock tender in an emergency. O. Reg. 659/79, s. 243.

244.—(1) Every worker shall wear for at least twenty-four hours after working in compressed air a sturdy metal or plastic badge at least fifty millimetres in diameter stating,

- (a) the name of the constructor;
- (b) the name and telephone number of the project physician; and
- (c) the location of the medical lock at the project,

and displaying the words, "COMPRESSED AIR WORKER—IN CASE OF DECOMPRESSION

# SICKNESS TAKE IMMEDIATELY TO A MEDICAL LOCK".

- (2) The badge required under subsection (1) shall,
  - (a) be provided by the constructor; and
  - (b) be attached around the worker's wrist or suspended around his neck. O. Reg. 659/79, s. 244.

## COMMUNICATIONS

**245.—**(1) A telephone system shall be installed and maintained at all times, consisting of telephones located,

- (a) at a location as close as practicable to the working face;
- (b) in the working chamber near the door leading to the air lock;
- (c) in the air lock;
- (d) near the lock tender's working position;
- (e) adjacent to the compressor plant; and
- (f) in the superintendent's office.

(2) An electric buzzer or bell system shall be installed so that there is a switch and a buzzer or bell located,

- (a) in the working chamber near the door leading to the air lock;
- (b) in the air lock; and
- (c) near the lock tender's working position.

(3) The following code shall be used to give signals between a working chamber, an air lock and the lock tender's working position:

1 signal — When persons are not in air lock—  
MATERIAL COMING OUT

1 signal — When persons are in air lock—STOP  
COMPRESSING

3 signals — PERSONS COMING OUT OF LOCK,

and a copy of the signal code shall be posted near each of the switches.

(4) A lock tender shall acknowledge all signals received by returning the same signal. O. Reg. 659/79, s. 245.

## FIRE PREVENTION

**246.—**(1) No acetylene shall be used for any purpose in compressed air.

(2) No person shall smoke or be permitted to smoke in an air lock or working chamber, other than in an area designated as a smoking area by the superintendent.

(3) Before any flame-cutting or gas-welding, or any similar source of ignition, is introduced into a working chamber in the vicinity of any combustible material,

- (a) a firewatch shall be set up and maintained;
- (b) a fire hose shall be prepared for use; and
- (c) the fire hose shall be tested to ensure there is an adequate supply of water under pressure to extinguish any fire likely to occur.

(4) As far as is practicable, no combustible material shall be installed in or stored in an air lock or working chamber.

(5) A standpipe connected to a source of water or connected to other pipes above ground shall be installed on and shall have,

- (a) valves that will isolate the standpipe from the rest of the system;
- (b) a fitting controlled by a valve installed on the standpipe on the working chamber side of the bulkhead between the working chamber and the air lock to which it is possible to connect a fire hose of the local fire department;
- (c) a similar fitting and valve installed at the end of the standpipe nearest to the working face; and
- (d) the location of the fittings and valves clearly marked. O. Reg. 659/79, s. 246.

## LIGHTING

**247.—**(1) Electrical wiring, other than telephone and signal system wiring, passing through an air lock or the bulkheads adjacent to an air lock shall be installed in a rigid metal conduit.

(2) A lighting system shall be installed and maintained and electric light bulbs attached thereto shall be enclosed in a glass and metal protective screen cover.

(3) Flashlights shall be readily available at the entrance to each air lock on the atmospheric side in the air lock and at each telephone required by section 245.

(4) An auxiliary source of supply of electricity that is not a portable emergency source of supply shall be provided for the lighting system.

(5) An emergency electrical lighting system shall be provided and maintained that shall,

- (a) be connected to the electrical supply so that in the event of the failure of that electrical supply

the emergency lighting system will automatically turn on;

- (b) where battery-powered, be provided with a testing switch; and
- (c) be tested as frequently as necessary to ensure that the system will function in an emergency, but not less frequently than recommended by the manufacturer. O. Reg. 659/79, s. 247.

#### SANITATION

248. A working chamber shall be provided with a reasonable supply of potable drinking water and at least one chemical toilet. O. Reg. 659/79, s. 248.

#### MEDICAL REQUIREMENTS

249. The constructor of a tunnel or caisson in which workers work in compressed air shall employ one or more legally qualified medical practitioners as project physicians who shall,

- (a) be reasonably available to render medical services or advice while any worker is working in compressed air; and
- (b) where, under section 279, the pressure in a working chamber may exceed 350 kilopascals (50 pounds) for more than five minutes, establish, in accordance with the medically acceptable procedures for the control of decompression sickness,
  - (i) the maximum hours of the working periods,
  - (ii) the minimum hours of the rest periods, and
  - (iii) the compression and decompression procedures. O. Reg. 659/79, s. 249.

250.—(1) Subject to subsection (2), no worker shall work or be permitted to work in compressed air unless,

- (a) he has completed two copies of Form 2 and has given both copies to the project physician; and
- (b) the project physician has,
  - (i) satisfied himself that Form 2 has been accurately completed,
  - (ii) examined the worker within two months previous to the worker commencing work in compressed air and at intervals of not more than two months thereafter for so long as the worker is working in compressed air,

- (iii) indicated on a medical record in Form 1 that the worker is physically fit to work in compressed air, and

- (iv) informed the worker of the precautionary measures that the worker should take in order to safeguard himself from injury when working in compressed air.

(2) Subsection (1) does not apply to an inspector or to a worker accompanying an inspector at the request of the inspector.

(3) The examination required under subclause (1) (b) (ii) shall include,

- (a) an X-ray examination of,

- (i) the chest,

- (ii) the shoulder joints, and

- (iii) the hip joints,

based on films made within the previous eighteen months; and

- (b) where the worker being examined has not previously worked in compressed air, a test under air pressure.

(4) Where the project physician conducts an examination under subclause (1) (b) (ii), he shall,

- (a) make a record of the examination in Form 3 indicating the result of the examination;
- (b) complete Form 1 and deliver it to the superintendent;
- (c) retain a copy of Form 2 and Form 3 for inspection; and
- (d) send a completed copy of Form 2 and Form 3 to the Chief, Occupational Health Medical Services, of the Ministry. O. Reg. 659/79, s. 250.

251.—(1) The superintendent shall keep available for inspection,

- (a) all completed copies of Form 1 with respect to all workers who have been examined by the project physician for work in compressed air;
- (b) all records of air pressure in the air locks required under section 270; and
- (c) all records required to be kept by the lock tender under clause 286 (1) (m).

(2) Upon completion of work in compressed air the superintendent shall send forthwith to the Director all completed copies of Form 1. O. Reg. 659/79, s. 251.

252. Where a worker is working in, or is about to work in, compressed air and does not feel well for any reason, he shall report the fact as soon as is practicable to the superintendent or the project physician. O. Reg. 659/79, s. 252.

253. Where a worker is absent from work in compressed air for ten or more successive days because of illness, he shall not resume work in compressed air until the project physician has indicated in Form 1 that the worker is physically fit to resume work in compressed air. O. Reg. 659/79, s. 253.

254. A first-aid room shall be provided in close proximity to each medical lock and shall contain all medical and other equipment necessary for first aid and adequate facilities for a medical examination. O. Reg. 659/79, s. 254.

255. A constructor shall supply at least one medical lock and maintain it ready for operation at all times during the period of the work in compressed air. O. Reg. 659/79, s. 255.

256. A medical lock shall have a subsisting certificate of inspection under the *Boiler and Pressure Vessels Act* for a working pressure of at least 520 kilopascals (75 pounds). O. Reg. 659/79, s. 256.

257.—(1) A medical lock shall be divided into two pressure compartments and shall be not less than 1.8 metres in height at its centre line.

(2) Each compartment of a medical lock shall be provided with air valves so arranged that the compartment can be pressurized and depressurized from inside and outside the lock. O. Reg. 659/79, s. 257.

258. An observation window shall be installed in each door and in the rear wall of a medical lock. O. Reg. 659/79, s. 258.

259. A medical lock shall,

- (a) be adequately lit and ventilated;
- (b) be kept in a clean and sanitary condition;
- (c) be maintained for use at a temperature of not less than 18°Celsius (65°F);
- (d) be provided with a pressure gauge, thermometer, telephone, cot, seating and a radiant heater; and
- (e) be provided with,
  - (i) a mattress for the cot,
  - (ii) a mattress cover, and
  - (iii) blankets,

made of material that is not readily flammable. O. Reg. 659/79, s. 259.

260.—(1) The treatment of workers in a medical lock shall be under the control of the project physician.

(2) While any worker is in compressed air and for twenty-four hours thereafter, one or more workers experienced in decompressing workers suffering from decompression sickness shall,

- (a) be on the project, where the pressure exceeds 100 kilopascals (14 pounds); and
- (b) be readily available, where the pressure is 100 kilopascals (14 pounds) or less. O. Reg. 659/79, s. 260.

#### COMPRESSORS FOR AIR SUPPLY

261.—(1) The superintendent shall designate at least one worker who is a competent person to be in charge of and continuously attend to the compressors compressing air for a working chamber and air lock,

- (a) while any person is in compressed air; and
- (b) for twenty-four hours after any person has been in compressed air with a pressure exceeding 100 kilopascals (14 pounds).

(2) A worker designated under subsection (1) shall not perform any function other than that of attending to the compressors.

(3) Subject to subsection (4), a worker designated under subsection (1) shall hold a subsisting certificate of qualification as a compressor operator under the *Operating Engineers Act*.

(4) Subsection (3) does not apply where,

- (a) the compressors compressing air for a working chamber and air lock,
  - (i) are immediately adjacent to a hoist, and
  - (ii) the combined brake power of the prime movers of the compressors is 56 kilowatts (75 horse-power) or less; and
- (b) the operator of the hoist,
  - (i) is on the project, and
  - (ii) holds a subsisting certificate of qualification as a hoisting engineer under the *Operating Engineers Act*. O. Reg. 659/79, s. 261.

262. At least two air compressors shall be installed and maintained and shall be of sufficient capacity to ensure that where one unit is not operable the remaining units are capable of supplying the air required for every working chamber and air lock. O. Reg. 659/79, s. 262.

263.—(1) The energy required to furnish compressed air to a working chamber or an air lock shall be readily available from at least two independent sources.

(2) The two sources of energy referred to in subsection (1) shall be so arranged that should the principal

source fail an auxiliary source will energize the compressor plant.

(3) The auxiliary source of energy referred to in subsection (2) shall be inspected and tested to ensure that it is in working order by being operated at regular intervals of not more than seven days. O. Reg. 659/79, s. 263.

264.—(1) Every compressor for a working chamber or air lock shall be so constructed as to ensure that lubricating oil is not discharged with the air that the compressor supplies.

(2) Air supplied for use in a working chamber or air lock shall,

- (a) be clean and free from moisture, oil or other contaminants; and
- (b) be kept, as far as practicable, between 10° Celsius (50°F) and 27°Celsius (80°F).

(3) The intake for the air for a compressor plant shall be so located as to prevent the entry of exhaust gases from internal combustion engines or other similar contaminants. O. Reg. 659/79, s. 264.

#### AIR LOCKS AND WORKING CHAMBERS

265. One air lock shall be provided for each working chamber. O. Reg. 659/79, s. 265.

266.—(1) An air lock, including the bulkheads and doors, shall be designed by a professional engineer in accordance with good engineering practice to safely withstand the pressures to be used in the working chamber and in the air locks.

(2) Drawings of the air lock, bulkheads and doors shall,

- (a) be prepared to show the design prepared by the professional engineer referred to in subsection (1); and
- (b) bear the signature and seal of the professional engineer referred to in subsection (1).

(3) One copy of the drawings prescribed by subsection (2) shall be kept on the project and one copy shall be sent to the Director prior to the construction of the air lock.

(4) An air lock, including the bulkheads and doors, shall be constructed in accordance with the drawings prescribed by subsection (2).

(5) An air lock used for persons shall,

- (a) be not less than 2.0 metres in the least lateral and vertical dimensions and large enough to accommodate all persons in the working chamber without the persons being in cramped positions;

(b) except for an ancillary air lock provided in compliance with section 273, contain an electric time piece, thermometer and pressure gauge that shall be accurate and in working condition; and

(c) be separate from the air lock used for moving materials in and out of the working chamber,

- (i) if used for access to a working chamber that is in a shaft, or
- (ii) where practicable if the pressure is to exceed 100 kilopascals (14 pounds) and the air lock is installed in a tunnel. O. Reg. 659/79, s. 266.

267.—(1) At least two pipes shall supply air to each working chamber and each air lock.

(2) A means of controlling and automatically limiting the maximum air pressure shall be provided for every working chamber and every air lock, including every ancillary air lock, and such means of control shall be set for not greater than,

- (a) the pressure for which the air lock, including its bulkheads and doors, was designed; and
- (b) 70 kilopascals (10 pounds) more than the maximum pressure to be used in the working chamber.

(3) A separate valve shall be installed on each pipe in the vicinity of the compressors to enable one pipe to be disconnected and repaired or altered while the other pipe remains in service.

(4) The outlet end of a pipe supplying air to a working chamber or an air lock shall be equipped with a hinged flap valve. O. Reg. 659/79, s. 267.

268.—(1) At every set of valves controlling the air supply to and the discharge from an air lock there shall be,

- (a) a pressure gauge showing the air pressure in the air lock;
- (b) a pressure gauge showing the air pressure in the working chamber;
- (c) an electric time piece;
- (d) a thermometer showing the temperature in the air lock; and
- (e) a legible copy of the procedures controlling the maximum working periods and minimum decompression times for the air lock.

(2) Separate valves controlling the air supply and discharge shall be provided inside and outside an air lock and the valves shall be so arranged that it is possible for a person to enter or leave a working chamber or air lock if the air lock is not attended by a lock tender. O. Reg. 659/79, s. 268.

269. Where a device is installed for the purpose of effecting automatic compression and decompression in an air lock used for persons, a manual means of controlling the air pressure in the air lock shall be provided in case of emergency or failure of the automatic device. O. Reg. 659/79, s. 269.

270.—(1) Every air lock used for persons, other than an ancillary air lock, shall have an automatic recording gauge of the rotating dial or strip-chart rectilinear type, which shall,

- (a) permanently record the air pressure in the lock;
- (b) be kept locked except when the recording paper is being changed;
- (c) be installed so that it is not visible to the lock tender when he is at the controls of his air lock; and
- (d) readily show the amount of change of air pressure at intervals of not more than five minutes.

(2) Where the pressure in the working chamber is more than 100 kilopascals (14 pounds), the automatic recording gauge prescribed by subsection (1) shall be of the strip-chart rectilinear type that shall show the change of air pressure at intervals of not more than one minute.

(3) The recording paper of the automatic recording gauge referred to in subsection (1) shall be changed every seven days and clearly marked to identify the period of time to which it relates. O. Reg. 659/79, s. 270.

271.—(1) A pressure gauge that is readable from the working chamber side of an air lock and shows the pressure in the air lock shall be provided.

(2) A working chamber shall contain,

- (a) a portable pressure gauge; and
- (b) a thermometer,

in a protective container and in a suitable location within fifteen metres of the working face.

(3) Except for a portable pressure gauge, a pressure gauge shall have fittings to provide for the attachment of test gauges and be tested daily for accuracy. O. Reg. 659/79, s. 271.

272. The unit of pressure used in pressure gauges for decompression equipment and in decompression procedures on a project shall be either,

- (a) kilopascals; or
- (b) pounds per square inch,

and in no case shall the two units be mixed in use. O. Reg. 659/79, s. 272.

273.—(1) Subject to subsection (3), an air lock shall be provided with an ancillary air lock that,

- (a) can be pressurized independently of the primary air lock;
- (b) has a door into the primary air lock or into the working chamber; and
- (c) has a door to air at atmospheric pressure.

(2) Except in an emergency, a door in an ancillary air lock to air at atmospheric pressure shall be kept open at all times.

(3) A vertical air lock in a shaft or pneumatic caisson may be provided with a positive means for closing the door to the working chamber from the atmospheric side of the air lock in lieu of the ancillary air lock required by subsection (1), but if a hydraulic means is used, a secondary mechanical or physical means shall be provided so that not more than two persons are required to close the door manually.

(4) An ancillary air lock shall be used only to enter the working chamber when the door between the working chamber and the normal air lock is open and it is not possible or practicable for the door to be closed.

(5) Except in an emergency, an ancillary air lock shall not be used to decompress persons. O. Reg. 659/79, s. 273.

274.—(1) The door between an air lock and a working chamber shall be kept open,

- (a) when the air lock, other than an ancillary air lock, is not being used to compress or decompress persons or move materials; and
- (b) when persons are in the working chamber.

(2) Every air lock door shall be fitted with a transparent observation window. O. Reg. 659/79, s. 274.

275. Where practicable, an air lock used for persons, other than an ancillary air lock, shall be provided with one seat for each person being decompressed at any one time. O. Reg. 659/79, s. 275.

276.—(1) A means of radiant heating for persons in an air lock while they are being decompressed shall be provided if the pressure exceeds 100 kilopascals (14 pounds).

(2) The temperature in an air lock used for persons shall not exceed 27°Celsius (80°F). O. Reg. 659/79, s. 276.

277. Where any part of the working chamber is located vertically below the door or bulkhead leading to a vertical air lock in a shaft or caisson, a blow stack shall be provided and the blow stack shall,

- (a) be at least 100 millimetres in diameter;

- (b) extend from inside the working chamber to above ground;
- (c) pass vertically through,
  - (i) the air lock, or
  - (ii) the bulkhead between the working chamber and air at atmospheric pressure; and
- (d) have an outlet above ground that,
  - (i) has a valve at least 100 millimetres in diameter,
  - (ii) is readily accessible,
  - (iii) is clearly marked with a sign reading, BLOW STACK—TO BE USED ONLY IN CASE OF EMERGENCY, and
  - (iv) is sealed to prevent the inadvertent opening of the valve. O. Reg. 659/79, s. 277.

**278.—**(1) Subject to subsection (2), no person shall construct a bulkhead that interferes with the free passage of persons in a tunnel or shaft from the working face to the air lock.

(2) Subsection (1) does not apply to a partial bulkhead in a sub-aqueous tunnel so designed and placed as to trap a quantity of air to enable the escape of workers in the event the tunnel is flooded. O. Reg. 659/79, s. 278.

**279.—**(1) Except where it is necessary for the protection of persons during an emergency, the pressure in a working chamber shall not exceed 350 kilopascals (50 pounds) for more than five minutes.

(2) Where it is necessary during an emergency for the pressure in a working chamber to exceed 350 kilopascals (50 pounds) for more than five minutes,

- (a) the superintendent shall notify an inspector forthwith by telephone, telegraph or in person; and
- (b) the pressure in the working chamber shall be the least possible pressure to meet the emergency. O. Reg. 659/79, s. 279.

**280.—**(1) Subject to subsection (2), no worker shall work or be permitted to work in a working chamber in which the temperature at the working face exceeds,

- (a) 27°Celsius (80°F); or
- (b) the temperature at the entrance to the service shaft above ground,

whichever temperature is the greater.

(2) No worker shall work or be permitted to work in a working chamber in which the temperature at the working face exceeds 38°Celsius (100°F). O. Reg. 659/79, s. 280.

**281.—**(1) Water from the floor of a working chamber or an air lock shall be drained by,

- (a) a pipe; or
- (b) a mop line,

that has an inside diameter of not less than 50.8 millimetres and, where necessary, a pump shall be provided.

(2) At least one inlet with a valve to a pipe or a mop line shall be located,

- (a) in the air lock;
- (b) within fifteen metres of the working face; and
- (c) at intervals of not more than thirty metres for the entire length of the working chamber.

(3) An inlet required by subsection (2) shall be diverted downwards.

(4) An outlet from an air lock shall discharge downwards under atmospheric pressure. O. Reg. 659/79, s. 281.

#### WORKING PERIODS AND REST PERIODS

**282.—**(1) Subject to subsection (2), no worker shall,

- (a) work for more than two working periods in any consecutive twenty-four hour period where the maximum air pressure is not greater than 100 kilopascals (14 pounds); or
- (b) work for more than one working period in any consecutive twenty-four hour period where the maximum air pressure is more than 100 kilopascals (14 pounds).

(2) The total hours worked by a worker shall not in any case exceed eight hours in any consecutive twenty-four hour period. O. Reg. 659/79, s. 282.

**283.—**(1) A worker, following his decompression, shall have a rest period of at least,

- (a) ¼ hour for pressures up to 100 kilopascals (14 pounds);
- (b) ¾ hour for pressures over 100 kilopascals (14 pounds) up to 140 kilopascals (20 pounds);
- (c) 1½ hours for pressures over 140 kilopascals (20 pounds) up to 220 kilopascals (32 pounds); and
- (d) two hours for pressures over 220 kilopascals (32 pounds).

(2) The minimum rest periods referred to in subsection (1) may include the time that a person spends in an air lock while being decompressed.

(3) No manual work or physical exertion shall be permitted during the rest periods prescribed in subsection (1).

(4) No worker shall be permitted to leave the project during the rest periods prescribed in subsection (1). O. Reg. 659/79, s. 283.

**284.**—(1) A constructor shall, at his own expense, supply sugar and hot beverages for workers working in compressed air for their use during rest periods.

(2) Containers and cups for the beverages required under subsection (1) shall be maintained in a clean and sanitary condition and kept stored in a closed container. O. Reg. 659/79, s. 284.

**285.** Where the maximum air pressure exceeds 100 kilopascals (14 pounds), the period between the end of one working period and the beginning of the next working period for any worker doing manual work under compressed air shall be not less than twelve hours. O. Reg. 659/79, s. 285.

#### DUTIES OF LOCK TENDERS

**286.**—(1) A lock tender shall,

- (a) supervise the controls of an air lock at all times when a worker is about to be, or is being, subjected to compressed air in the air lock or related working chamber;
- (b) satisfy himself that any worker who enters the air lock in preparation for working in compressed air has been examined in accordance with section 250;
- (c) satisfy himself that the means of air supply, air pressure gauges and controls, lock equipment and other devices necessary for the safe operation of the air lock and protection of workers using the air lock are in adequate working condition before he permits any worker to enter the air lock;
- (d) while increasing the air pressure upon a worker, increase it uniformly and to no more than 35 kilopascals (5 pounds) in the first two minutes of application;
- (e) not increase the air pressure upon a worker to more than 35 kilopascals (5 pounds) until he has ascertained that every worker in the air lock is free from discomfort due to air pressure;
- (f) increase the air pressure above 35 kilopascals (5 pounds) upon a worker in an air lock at a uniform rate not exceeding 35 kilopascals (5 pounds) per minute;

(g) while applying air pressure to a worker, observe that worker and, if the worker shows signs of discomfort and the discomfort does not quickly disappear, thereupon gradually reduce the air pressure until the worker reports that the discomfort has ceased or gradually reduce the air pressure to atmospheric pressure so that the worker can be forthwith released from the air lock;

(h) while decreasing the air pressure upon a worker,

(i) comply with the requirements of section 288,

(ii) decrease the pressure uniformly in each stage, and

(iii) constantly observe the worker and, if the worker shows signs of discomfort and the discomfort does not quickly disappear, thereupon increase the air pressure until the worker reports that the discomfort has ceased or the air pressure in the lock equals the pressure in the working chamber;

(i) where any worker in the lock appears to be suffering from decompression sickness notify, and follow the instructions of, the project physician, the superintendent or the superintendent's assistant;

(j) where any worker in the lock appears to be injured or to be unwell from a cause unrelated to air pressure, notify and follow the instructions of the project physician and, except where otherwise instructed by the project physician, decompress in accordance with section 288;

(k) not work, or be permitted to work, more than nine hours in twenty-four consecutive hours;

(l) be able to speak, read and write English competently; and

(m) while a worker is being compressed or decompressed, record separately for each air lock,

(i) the identity of the air lock,

(ii) the identity of the worker,

(iii) the time of the beginning and end of each compression or decompression to which the worker is subjected,

(iv) the pressure and temperature in the air lock before and after each compression or decompression to which the worker is subjected, and

(v) any unusual occurrence respecting the worker, the air lock or any related matter,

and give the record to the superintendent.

(2) Subject to subsection (3), a lock tender shall tend only one lock at a time.

(3) A lock tender may tend two locks at a time, where,

- (a) the locks are in close proximity;
- (b) the pressure in each working chamber does not exceed 100 kilopascals (14 pounds); and
- (c) only one of the two locks is being used to compress or decompress a worker. O. Reg. 659/79, s. 286.

DECOMPRESSION PROCEDURES

287. A legible copy of the Table in section 288 in the units applicable to the project shall be kept posted,

- (a) in the air lock;
- (b) at the controls outside the air lock; and
- (c) in the change room. O. Reg. 659/79, s. 287.

288. Subject to section 289, no worker who has been in air pressure greater than atmospheric air pressure for more than five minutes shall subject himself or be subjected to a lower air pressure unless he is decompressed down to atmospheric pressure in three stages as set out in the following Tables in the units applicable to the project:

Decompression Table  
(English psig units)

Working Pressure (psig)	Working Period (hr)	Stage No.	Pressure Reduction (psig)		Time in Stage (min)	Pressure Reduction Rate (min/psi)	Total Time Decompress. (minutes)
			From	To			
2	4-8	1	2	0	½		½
4	4-8	1	4	0	1		1
6	4-8	1	6	3	1		
		2	3	1½	1		
		3	1½	0	3	2.0	5
8	4-8	1	8	4	1		
		2	4	2	1		
		3	2	0	4	2.0	6
10	4-8	1	10	5	1		
		2	5	2½	1½		
		3	2½	0	5	2.0	7½
12	4-8	1	12	6	1½		
		2	6	3	1½		
		3	3	0	6	2.0	9
14	4-7	1	14	7	1½		
		2	7	3½	2		
		3	3½	0	7	2.0	10½
	8	1	14	7	1½		
		2	7	3½	2		
		3	3½	0	14	4.0	17½
16	3-5	1	16	8	2	0.2	
		2	8	4	2	0.5	
		3	4	0	8	2.0	12
	6	1	16	8	2	0.2	
		2	8	4	2	0.5	
		3	4	0	20	5.0	24

Working Pressure (psig)	Working Period (hr)	Stage No.	Pressure Reduction (psig)		Time in Stage (min)	Pressure Reduction Rate (min/psi)	Total Time Decompress. (minutes)
			From	To			
18	3	1	18	9	2	0.2	13½
		2	9	4½	2½	0.5	
		3	4½	0	9	2.0	
	4	1	18	9	2	0.2	18
	2	2	9	4½	2½	0.5	
		3	4½	0	13½	3.0	
18	5	1	18	9	2	0.2	40½
		2	9	4½	2½	0.5	
		3	4½	0	36	8.0	
	6	1	18	9	2	0.2	112½
	2	2	9	4½	2½	0.5	
		3	4½	0	108	24.0	
20	3	1	20	10	2	0.2	19½
		2	10	5	2½	0.5	
		3	5	0	15	3.0	
	4	1	20	10	2	0.2	39½
	2	2	10	5	2½	0.5	
		3	5	0	35	7.0	
20	5	1	20	10	2	0.2	127
		2	10	5	5	1.0	
		3	5	0	120	24.0	
	6	1	20	10	2	0.2	157
	2	2	10	5	5	1.0	
		3	5	0	150	30.0	
22	2	1	22	11	2½	0.2	27½
		2	11	5½	3	0.5	
		3	5½	0	22	4.0	
	3	1	22	11	2½	0.2	35½
	2	2	11	5½	5½	1.0	
		3	5½	0	27½	5.0	
22	4	1	22	11	2½	0.2	118
		2	11	5½	5½	1.0	
		3	5½	0	110	20.0	
24	2	1	24	12	2½	0.2	29½
		2	12	6	3	0.5	
		3	6	0	24	4.0	
	3	1	24	12	2½	0.2	50½
	2	2	12	6	6	1.0	
		3	6	0	42	7.0	
24	4	1	24	12	2½	0.2	158½
		2	12	6	6	1.0	
		3	6	0	150	25.0	
26	2	1	26	13	3	0.2	32½
		2	13	6½	3½	0.5	
		3	6½	0	26	4.0	
	3	1	26	13	3	0.2	113½
	2	2	13	6½	6½	1.0	
		3	6½	0	104	16.0	
26	4	1	26	13	3	0.2	198
		2	13	6½	6½	1.0	
		3	6½	0	188½	29.0	
28	1	1	28	14	3	0.2	34½
		2	14	7	3½	0.5	
		3	7	0	28	4.0	
	1½	1	28	14	3	0.2	34½
	2	2	14	7	3½	0.5	
		3	7	0	28	4.0	
28	2	1	28	14	3	0.2	45
		2	14	7	7	1.0	
		3	7	0	35	5.0	
	3	1	28	14	3	0.2	164
	2	2	14	7	7	1.0	
		3	7	0	154	22.0	

Working Pressure (psig)	Working Period (hr)	Stage No.	Pressure Reduction (psig)		Time in Stage (min)	Pressure Reduction Rate (min/psi)	Total Time Decompress. (minutes)
			From	To			
30	1	1	30	15	3	0.2	37
		2	15	7½	4	0.5	
		3	7½	0	30	4.0	
	1½	1	30	15	3	0.2	37
		2	15	7½	4	0.5	
		3	7½	0	30	4.0	
	2	1	30	15	3	0.2	55½
		2	15	7½	7½	1.0	
		3	7½	0	45	6.0	
	3	1	30	15	3	0.2	198
		2	15	7½	7½	1.0	
		3	7½	0	187½	25.0	
32	1	1	32	16	3½	0.2	39½
		2	16	8	4	0.5	
		3	8	0	32	4.0	
	1½	1	32	16	3½	0.2	51½
		2	16	8	8	1.0	
		3	8	0	40	5.0	
	2	1	32	16	3½	0.2	75½
		2	16	8	8	1.0	
		3	8	0	64	8.0	
	3	1	32	16	3½	0.2	227½
		2	16	8	8	1.0	
		3	8	0	216	27.0	
34	1	1	34	17	3½	0.2	42
		2	17	8½	4½	0.5	
		3	8½	0	34	4.0	
	1½	1	34	17	3½	0.2	54½
		2	17	8½	8½	1.0	
		3	8½	0	42½	5.0	
36	2	1	34	17	3½	0.2	131
		2	17	8½	8½	1.0	
		3	8½	0	119	14.0	
	1	1	36	18	4	0.2	44½
		2	18	9	4½	0.5	
		3	9	0	36	4.0	
38	1½	1	36	18	4	0.2	67
		2	18	9	9	1.0	
		3	9	0	54	6.0	
	2	1	36	18	4	0.2	175
		2	18	9	9	1.0	
		3	9	0	162	18.0	
38	1	1	38	19	4	0.2	47
		2	19	9½	5	0.5	
		3	9½	0	38	4.0	

Working Pressure (psig)	Working Period (hr)	Stage No.	Pressure Reduction (psig)		Time in Stage (min)	Pressure Reduction Rate (min/psi)	Total Time Decompress. (minutes)
			From	To			
38	1½	1	38	19	4	0.2	80
		2	19	9½	9½	1.0	
		3	9½	0	66½	7.0	
	2	1	38	19	4	0.2	203½
		2	19	9½	9½	1.0	
		3	9½	0	190	20.0	
40	½	1	40	20	4	0.2	49
		2	20	10	5	0.5	
		3	10	0	40	4.0	
	1	1	40	20	4	0.2	49
		2	20	10	5	0.5	
		3	10	0	40	4.0	
	1½	1	40	20	4	0.2	94
		2	20	10	10	1.0	
		3	10	0	80	8.0	
42	½	1	42	21	4½	0.2	52
		2	21	10½	5½	0.5	
		3	10½	0	42	4.0	
	1	1	42	21	4½	0.2	57
		2	21	10½	10½	1.0	
		3	10½	0	42	4.0	
	1½	1	42	21	4½	0.2	162
		2	21	10½	10½	1.0	
		3	10½	0	147	14.0	
44	½	1	44	22	4½	0.2	54
		2	22	11	5½	0.5	
		3	11	0	44	4.0	
	1	1	44	22	4½	0.2	70½
		2	22	11	11	1.0	
		3	11	0	55	5.0	
	1½	1	44	22	4½	0.2	191½
		2	22	11	11	1.0	
		3	11	0	176	16.0	
46	½	1	46	23	5	0.2	57
		2	23	11½	6	0.5	
		3	11½	0	46	4.0	
	1	1	46	23	5	0.2	74
		2	23	11½	11½	1.0	
		3	11½	0	57½	5.0	
48	½	1	48	24	5	0.2	59
		2	24	12	6	0.5	
		3	12	0	48	4.0	
	1	1	48	24	5	0.2	89
		2	24	12	12	1.0	
		3	12	0	72	6.0	
50	½	1	50	25	5	0.2	61½
		2	25	12½	6½	0.5	
		3	12½	0	50	4.0	
	1	1	50	25	5	0.2	92½
		2	25	12½	12½	1.0	
		3	12½	0	75	6.0	

Decompression Table  
(SI Units)

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	To			
10	4-8	1	10	0	1		1
20	4-8	1	20	0	1		1
30	4-8	1	30	0	1		1
40	4-8	1 2 3	40 20 10	20 10 0	1 1 3		5
50	4-8	1 2 3	50 25 12.5	25 12.5 0	1 1 4	20	6
60	4-8	1 2 3	60 30 15	30 15 0	1 2 5	20	8
70	4-8	1 2 3	70 35 17.5	35 17.5 0	2 2 6	20	10
80	4-8	1 2 3	80 40 20	40 20 0	2 2 7	20	11
90	4-7  8	1 2 3  1 2 3	90 45 22.5  90 45 22.5	45 22.5 0  45 22.5 0	2 2 8  2 2 12	20    30	12    16

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	To			
100	4-6	1	100	50	2	2	12
		2	50	25	2	5	
		3	25	0	8	20	
	7	1	100	50	2	2	19
		2	50	25	2	5	
		3	25	0	15	35	
	8	1	100	50	2	2	29
		2	50	25	2	5	
		3	25	0	25	60	
110	3-4	1	110	55	2	2	13
		2	55	27.5	2	5	
		3	27.5	0	9	20	
	5	1	110	55	2	2	18
		2	55	27.5	2	5	
		3	27.5	0	14	30	
	6	1	110	55	2	2	25
		2	55	27.5	2	5	
		3	27.5	0	21	45	
120	3	1	120	60	2	2	15
		2	60	30	3	5	
		3	30	0	10	20	
	4	1	120	60	2	2	20
		2	60	30	3	5	
		3	30	0	15	30	
	5	1	120	60	2	2	40
		2	60	30	3	5	
		3	30	0	35	70	
	6	1	120	60	2	2	85
		2	60	30	3	5	
		3	30	0	80	160	

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	To			
130	3	1	130	65	2	2	16
		2	65	32.5	3	5	
		3	32.5	0	11	20	
	4	1	130	65	2	2	38
		2	65	32.5	3	5	
		3	32.5	0	33	60	
	5	1	130	65	2	2	70
		2	65	32.5	3	5	
		3	32.5	0	65	120	
	6	1	130	65	2	2	123
		2	65	32.5	6	10	
		3	32.5	0	115	210	
140	3	1	140	70	3	2	27
		2	70	35	3	5	
		3	35	0	21	35	
	4	1	140	70	3	2	53
		2	70	35	3	5	
		3	35	0	47	80	
	5	1	140	70	3	2	129
		2	70	35	6	10	
		3	35	0	120	205	
	6	1	140	70	3	2	149
		2	70	35	6	10	
		3	35	0	140	240	
150	2	1	150	75	3	2	28
		2	75	37.5	3	5	
		3	37.5	0	22	35	
	3	1	150	75	3	2	38
		2	75	37.5	7	10	
		3	37.5	0	28	45	
	4	1	150	75	3	2	95
		2	75	37.5	7	10	
		3	37.5	0	85	135	

Working Pressure, Gauge  (kPa)	Working Period  (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage  (min)	Pressure Reduction Rate  (sec/kPa)	Total Time Decompress.  (min)
			From	To			
160	2	1	160	80	3	2	31
		2	80	40	4	5	
		3	40	0	24	35	
	3	1	160	80	3	2	50
		2	80	40	7	10	
		3	40	0	40	60	
	4	1	160	80	3	2	130
		2	80	40	7	10	
		3	40	0	120	180	
170	2	1	170	85	3	2	32
		2	85	42.5	4	5	
		3	42.5	0	25	35	
	3	1	170	85	3	2	74
		2	85	42.5	7	10	
		3	42.5	0	64	90	
	4	1	170	85	3	2	160
		2	85	42.5	7	10	
		3	42.5	0	150	210	
180	2	1	180	90	3	2	34
		2	90	45	4	5	
		3	45	0	27	35	
	3	1	180	90	3	2	111
		2	90	45	8	10	
		3	45	0	100	135	
	4	1	180	90	3	2	191
		2	90	45	8	10	
		3	45	0	180	240	

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Deccompress. (min)
			From	To			
190	1	1	190	95	3	2	35
		2	95	47.5	4	5	
		3	47.5	0	28	35	
	1.5	1	190	95	3	2	35
		2	95	47.5	4	5	
		3	47.5	0	28	35	
	2	1	190	95	3	2	47
		2	95	47.5	8	10	
		3	47.5	0	36	45	
	3	1	190	95	3	2	141
		2	95	47.5	8	10	
		3	47.5	0	130	165	
200	1	1	200	100	4	2	37
		2	100	50	4	5	
		3	50	0	29	35	
	1.5	1	200	100	4	2	37
		2	100	50	4	5	
		3	50	0	29	35	
	2	1	200	100	4	2	55
		2	100	50	9	10	
		3	50	0	42	50	
	3	1	200	100	4	2	163
		2	100	50	9	10	
		3	50	0	150	180	
210	1	1	210	105	4	2	40
		2	105	52.5	5	5	
		3	52.5	0	31	35	
	1.5	1	210	105	4	2	44
		2	105	52.5	5	5	
		3	52.5	0	35	40	
	2	1	210	105	4	2	66
		2	105	52.5	9	10	
		3	52.5	0	53	60	

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	To			
210	3	1	210	105	4	2	198
		2	105	52.5	9	10	
		3	52.5	0	185	210	
220	1	1	220	110	4	2	41
		2	110	55	5	5	
		3	55	0	32	35	
	1.5	1	220	110	4	2	55
		2	110	55	9	10	
		3	55	0	42	45	
	2	1	220	110	4	2	78
		2	110	55	9	10	
		3	55	0	65	70	
	3	1	220	110	4	2	213
		2	110	55	9	10	
		3	55	0	200	220	
230	1	1	230	115	4	2	43
		2	115	57.5	5	5	
		3	57.5	0	34	35	
	1.5	1	230	115	4	2	57
		2	115	57.5	10	10	
		3	57.5	0	43	45	
	2	1	230	115	4	2	100
		2	115	57.5	10	10	
		3	57.5	0	86	90	
240	1	1	240	120	4	2	44
		2	120	60	5	5	
		3	60	0	35	35	
	1.5	1	240	120	4	2	64
		2	120	60	10	10	
		3	60	0	50	50	
	2	1	240	120	4	2	134
		2	120	60	10	10	
		3	60	0	120	120	

Working Pressure, Gauge  (kPa)	Working Period  (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage  (min)	Pressure Reduction Rate  (sec/kPa)	Total Time Decompress.  (min)
			From	To			
250	1	1	250	125	4	2	46
		2	125	62.5	5	5	
		3	62.5	0	37	35	
	1.5	1	250	125	4	2	78
		2	125	62.5	11	10	
		3	62.5	0	63	60	
	2	1	250	125	4	2	170
		2	125	62.5	11	10	
		3	62.5	0	155	150	
260	1	1	260	130	5	2	49
		2	130	65	6	5	
		3	65	0	38	35	
	1.5	1	260	130	5	2	81
		2	130	65	11	10	
		3	65	0	65	60	
	2	1	260	130	5	2	181
		2	130	65	11	10	
		3	65	0	165	150	
270	0.5	1	270	135	5	2	51
		2	135	67.5	6	5	
		3	67.5	0	40	35	
	1	1	270	135	5	2	51
		2	135	67.5	6	5	
		3	67.5	0	40	35	
	1.5	1	270	135	5	2	96
		2	135	67.5	12	10	
		3	67.5	0	79	70	

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	to			
280	0.5	1	280	140	5	2	52
		2	140	70	6	5	
		3	70	0	41	35	
	1	1	280	140	5	2	52
		2	140	70	6	5	
		3	70	0	41	35	
	1.5	1	280	140	5	2	105
		2	140	70	12	10	
		3	70	0	88	75	
290	0.5	1	290	145	5	2	54
		2	145	72.5	6	5	
		3	72.5	0	43	35	
	1	1	290	145	5	2	60
		2	145	72.5	12	10	
		3	72.5	0	43	35	
	1.5	1	290	145	5	2	162
		2	145	72.5	12	10	
		3	72.5	0	145	120	
300	0.5	1	300	150	5	2	56
		2	150	75	7	5	
		3	75	0	44	35	
	1	1	300	150	5	2	68
		2	150	75	13	10	
		3	75	0	50	40	
	1.5	1	300	150	5	2	168
		2	150	75	13	10	
		3	75	0	150	120	

Working Pressure, Gauge (kPa)	Working Period (hr)	Stage No.	Pressure Reduction (kPa)		Time in Stage (min)	Pressure Reduction Rate (sec/kPa)	Total Time Decompress. (min)
			From	To			
310	0.5	1	310	155	5	2	58
		2	155	77.5	7	5	
		3	77.5	0	46	35	
	1	1	310	155	5	2	76
		2	155	77.5	13	10	
		3	77.5	0	58	45	
320	0.5	1	320	160	6	2	60
		2	160	80	7	5	
		3	80	0	47	35	
	1	1	320	160	6	2	80
		2	160	80	14	10	
		3	80	0	60	45	
330	0.5	1	330	165	6	2	61
		2	165	82.5	7	5	
		3	82.5	0	48	35	
	1	1	330	165	6	2	89
		2	165	82.5	14	10	
		3	82.5	0	69	50	
340	0.5	1	340	170	6	2	63
		2	170	85	7	5	
		3	85	0	50	35	
	1	1	340	170	6	2	98
		2	170	85	14	10	
		3	85	0	78	55	
350	0.5	1	350	175	6	2	65
		2	175	87.5	8	5	
		3	87.5	0	51	35	
	1	1	350	175	6	2	109
		2	175	87.5	15	10	
		3	87.5	0	88	60	

289. The rates of decompression prescribed in section 288 may be doubled if,

- (a) the worker being decompressed,
  - (i) has not been exposed to a pressure of greater than 220 kilopascals (32 pounds),
  - (ii) has remained under compressed air for not more than thirty minutes, and
  - (iii) has not performed any manual work while under compressed air;
- (b) the worker has had previous experience with the hazards of compressed air; and
- (c) only a worker meeting the requirements of clauses (a) and (b) is in the air lock during the decompression. O. Reg. 659/79, s. 289.

290. Where a worker believes that he has decompression sickness he shall promptly notify,

- (a) his superintendent or foreman or the project physician; or

- (b) if the worker is under air pressure, the lock tender. O. Reg. 659/79, s. 290.

291. The superintendent shall report to the Director,

- (a) at least weekly, every case of decompression sickness; and
- (b) forthwith by telephone, telegram or other direct means, any case of decompression sickness that does not respond to first-aid treatment,

and in the report he shall indicate,

- (c) the pressure to which the worker was subjected;
- (d) the length of time he was subjected to such pressure;
- (e) the nature of the medical treatment he received; and
- (f) the degree of his recovery. O. Reg. 659/79, s. 291.

Form 1

Occupational Health and Safety Act

RECORD OF COMPRESSED AIR WORKER

Name ..... Age .....  
Address .....  
Social Insurance Number 

--	--	--	--	--	--	--	--	--	--

File No. .... Location (Municipality) .....  
Project .....  
Constructor .....  
Employer .....

Previous Compressed Air Experience .....

Pre-employment Medical Examination  
Date ..... Accept ..... Reject ..... Signature ..... M.I. ....

SUBSEQUENT MEDICAL EXAMINATIONS									
	Date	Accept	Reject	Signature		Date	Accept	Reject	Signature
1				M.D.	7				M.D.
2				M.D.	8				M.D.
3				M.D.	9				M.D.
4				M.D.	10				M.D.
5				M.D.	11				M.D.
6				M.D.	12				M.D.

## Form 2

## Occupational Health and Safety Act

## WORK IN COMPRESSED AIR . . . PRE-EMPLOYMENT HISTORY

PROJECT FILE NO.

Constructor ..... Project Physician .....

Employer ..... Address .....

Name .....

Social Insurance Number

--	--	--	--	--	--	--	--	--	--

Address .....

Job Title ..... Job Location ..... No. ....

Date of Birth	Age	Married Single	Divorced Widower	No. of Children	Date and cause of last Attendance by M.D.
---------------	-----	-------------------	---------------------	-----------------	---

Name of Family Physician ..... Address .....

Your Highest Weight	Year	Your Lowest Adult Weight	Year	Do you hear well? <input type="checkbox"/> Yes <input type="checkbox"/> No	Do you see well without eyeglasses? <input type="checkbox"/> Yes <input type="checkbox"/> No	Do you wear Glasses? <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------------	------	--------------------------	------	---	--	---

Were you Examined for Military Service? <input type="checkbox"/> Yes <input type="checkbox"/> No	Year	Accepted Rejected	<input type="checkbox"/> <input type="checkbox"/>	If rejected, give Reason	Date of Discharge, if Medical, Give Reason
---	------	----------------------	--	--------------------------	--

Have you ever received Workmen's Compensation, if yes, reason

☐ Yes ☐ No

Have you ever had Intestinal trouble or frequent Diarrhea? <input type="checkbox"/> Yes <input type="checkbox"/> No	Have you had Stomach Troubles or Ulcers? <input type="checkbox"/> Yes <input type="checkbox"/> No	Have you ever had Arthritis or Joint Trouble? <input type="checkbox"/> Yes <input type="checkbox"/> No
---	---	---

Have you ever had X-rays taken of your:	Shoulders Hips	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, give Dates and Places
--	-------------------	--	----------------------------------

State fully your Habits on use of	Alcohol	Tobacco
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Describe any Back  
Injuries or Troubles

## CHECK ANY OF THE FOLLOWING ILLNESSES YOU HAVE HAD:

	Yes	No		Yes	No		Yes	No
Asthma			History of Colds			Pleurisy		
Appendicitis			Hernia			Pneumonia		
Color Blindness			High Blood Pressure			Rheumatism		
Diabetes or Sugar in Urine			Influenza			Rheumatic Fever		
Diphtheria			Infantile Paralysis			Scarlet Fever		
Punctured Ear Drums - Any Hearing Defect			Jaundice			Skin Rashes		
Ear Infection, Buzzing			Kidney Trouble			Sinus		
Epilepsy (Fits), Fainting Spells			Liver Disease			Syphilis		
Gall Stones			Malaria			T.B. or other Lung Condition		
Gonorrhea			Other Tropical Diseases			Typhoid		
Hay Fever			Migraine Headaches			Varicose Veins		
Heart Trouble or Murmurs			Nervous Diseases					

## COMPRESSED AIR EXPERIENCE

JOB LOCATION	FROM	TO	PRESSURE

Have you ever had the "Bends"?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, Give Date (s) and Pressure (s)
-----------------------------------	---	---

Have you ever had any other effects from Compressed Air?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, give Date (s) and Character
---	---	--

Have you had any illness, hospitalization or Operation not mentioned above?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, give (Date (s) and Nature
--	---	--------------------------------------

I HEREBY CERTIFY THAT THE PRECEDING INFORMATION IS CORRECT TO MY BEST KNOWLEDGE

SIGNATURE

DATE

Form 3

Occupational Health and Safety Act

WORK IN COMPRESSED AIR . . . RECORD OF PHYSICAL EXAMINATION

Constructor.....

Employer.....

Name.....

Address.....

PROJECT FILE NO. ....

Project Physician .....

Address .....

Social Insurance Number

PHYSICAL EXAMINATION FOR WORK IN COMPRESSED AIR

Date	Height	Weight	+ --	Gen'l. Appearance	Blood Pres.	Syst.	Diast.	Pulse				
Vision	<div>S 20/</div>	<div>S 20/</div>	<div>C 20/</div>	<div>C OS 20/</div>	Colour Vision	Pupils						
EGM	FUNDUS OCULI				Audiometer	250	500	1000	2000	3000	4000	5000
Hearing	Eardrums				Right							
					Left							

Clinical Evaluation		DESCRIBE EACH ABNORMALITY IN DETAIL. REFER TO ITEM NUMBER, IF ANY. IF NECESSARY, USE THE REVERSE SIDE OF THIS FORM AND EXTRA SHEET, 8 1/2 x 11".
Normal	Abnormal	
	1. Nose	
	2. Throat	
	3. Tonsils	
	4. Mouth	
	5. Teeth	
	6. Gums	
	7. Throat	
	8. Skin	
	9. Lymphatics	
	10. Thorax	
	11. Symmetry	
	12. Spine	
	13. Heart (Disease)	
	14. Heart (Action)	
	15. Heart Sounds	
	16. Lungs	
	17. Inspiration	
	18. Expiration	
	19. Respir. Murmur	
	20. Extremities	
	21. Joints	
	22. Feet	
	23. Muscular Sys.	
	24. Nervous Sys.	
	25. Reflexes	
	26. KJ	
	27. AJ	
	28. Rhomberg	
	Joint Mobility	
	29. Rt. Shoulder	
	30. Left Shoulder	
	31. Rt. Hip	
	32. Left Hip	
	33. Pressure Equaliz.	
Yes	No	
	34. Hernia	
	35. Varicose	
	36. Periph. Vasc. Dis.	
	37. Swelling: Face	
	38. Abdomen, Legs	
	38. X-ray of chest	
	39. If indicated	
	X-ray - R. Shoulder	
	L. Shoulder	
	R. Hip	
	L. Hip	

E. C. G.	H. G. B.	Urine Albumin	Sugar	Spec. Grav.
BEGINNERS' MEDICAL LOCK TEST		DATE	RE-EXAMINATION BY	
PASSED	FAILED		M D	
PHYSICIAN'S RECOMMENDATION		DATE	SIGNATURE	
ACCEPT	REJECT		M D	



## REGULATION 692

### under the Occupational Health and Safety Act

#### INDUSTRIAL ESTABLISHMENTS

##### INTERPRETATION

#### 1. In this Regulation,

(a) "architect" means a member or licensee of the Ontario Association of Architects under the *Architects Act*;

(b) "boom" means the projecting part of a backhoe, shovel, crane or similar lifting device from which a load is likely to be supported;

(c) "confined space" means a space in which, because of its construction, location, contents or work activity therein, the accumulation of a hazardous gas, vapour, dust or fume or the creation of an oxygen-deficient atmosphere may occur;

(d) "Director" means the Director of the Industrial Health and Safety Branch of the Ministry of Labour;

(e) "fire-resistance rating" means the rating in hours or fraction thereof that a material or assembly of materials will withstand the passage of flame and the transmission of heat when exposed to fire, as established for the material or assembly of materials under the *Building Code Act*;

(f) "flammable liquid" means a liquid having a flash point below 37.8° Celsius, and a vapour pressure below 275 kilopascals absolute at 37.8° Celsius;

(g) "foundry" means the part of a building or premises or the workshop, structure, room or place in which base metals or their alloys are cast in moulds, other than permanent moulds, or where core-making, shakeout or cleaning or any casting or other dust-causing operation ancillary to the casting process is carried on;

(h) "gangway" means a defined passageway between a metal melting unit and a metal pouring area;

(i) "lifting device" means a device that is used to raise or lower any material or object and includes its rails and other supports but does not include a device to which the *Elevating Devices Act* applies;

(j) "log" includes tree-length pulpwood and a pit prop, pole, post, tie or any similar product;

(k) "pouring aisle" means a passageway leading from a gangway where metal is poured into a mould or box;

(l) "prime mover" means an initial source of motive power;

(m) "professional engineer" means a member or licensee of the Association of Professional Engineers of the Province of Ontario under the *Professional Engineers Act*;

(n) "transmission equipment" means any object or objects by which the motion of a prime mover is transmitted to a machine that is capable of utilizing such motion and includes a shaft, pulley, belt, chain, gear, clutch or other device;

(o) "working space" means any space where persons are engaged in the performance of work within a foundry but does not include offices, lunch rooms, locker rooms, change rooms, rest rooms, washrooms, shower rooms, toilet rooms, pattern shops, maintenance shops, laboratories, shipping areas, the storage space occupied by equipment or materials not regularly in use or the enclosed space where core sands and moulding sands are stored. O. Reg. 658/79, s. 1

##### EQUIVALENCY

2. In applying this Regulation, the composition, design, size and arrangement of any material, object, device or thing may vary from the composition, design, size or arrangement prescribed in this Regulation where the factors of strength, health and safety are equal to or greater than the factors of strength, health and safety in the composition, design, size or arrangement prescribed. O. Reg. 658/79, s. 2.

##### APPLICATION

3. This Regulation applies to all industrial establishments. O. Reg. 658/79, s. 3.

#### PART I

##### SAFETY REGULATIONS

4.—(1) Subject to subsection (2), the minimum age of,

(a) a worker; or

- (b) a person who is permitted to be in or about an industrial establishment,

shall be,

- (c) sixteen years of age in a logging operation;
- (d) fifteen years of age in a factory other than a logging operation; and
- (e) fourteen years of age in a workplace other than a factory.

(2) Clause (1) (b) does not apply to a person who,

- (a) while in the industrial establishment, is accompanied by a person who has attained the age of majority;
- (b) is being guided on a tour of the industrial establishment;
- (c) is in an area of the industrial establishment used for sales purposes; or
- (d) is in an area of the industrial establishment to which the public generally has access. O. Reg. 658/79, s. 4.

#### NOTICE OF ACCIDENTS

5.—(1) The written report required by section 25 of the Act shall include,

- (a) the name and address of the constructor and the employer;
- (b) the nature and the circumstances of the occurrence and the bodily injury sustained;
- (c) a description of the machinery or equipment involved;
- (d) the time and place of the occurrence;
- (e) the name and address of the person who was killed or critically injured;
- (f) the names and addresses of all witnesses to the occurrence; and
- (g) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury. O. Reg. 658/79, s. 5 (1); O. Reg. 844/79, s. 1.

(2) For the purposes of section 26 of the Act, notice of,

- (a) an accident, explosion or fire which disables a worker from performing his usual work; or
- (b) an occupational illness,

shall include,

- (c) the name, address and type of business of the employer;

(d) the nature and the circumstances of the occurrence and the bodily injury or illness sustained;

(e) a description of the machinery or equipment involved;

(f) the time and place of the occurrence;

(g) the name and address of the person suffering the injury or illness;

(h) the names and addresses of all witnesses to the occurrence;

(i) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury or illness; and

(j) the steps taken to prevent a recurrence.

(3) A record of an accident, explosion or fire causing injury requiring medical attention but not disabling a worker from performing his usual work shall be kept in the permanent records of the employer and include particulars of,

(a) the nature and circumstances of the occurrence and the injury sustained;

(b) the time and place of the occurrence; and

(c) the name and address of the injured person.

(4) A record kept as prescribed by subsection (3) for the inspection of an inspector shall be notice to the Director. O. Reg. 658/79, s. 5 (2-4).

6. Where, under section 5, 55 or 72, a report or permanent record is prescribed to be kept, it shall be kept for,

(a) a period of at least one year; or

(b) such longer period as is necessary to ensure that at least the two most recent reports or records are kept. O. Reg. 658/79, s. 6.

7.—(1) Before beginning any construction, development, reconstruction, alteration or installation to or in a building or structure that is to be or is,

(a) used as a factory other than,

(i) a logging operation, or

(ii) a laundry operated in conjunction with,

(A) a public or private hospital,

(B) a hotel, or

(C) a public or private institution for religious, charitable or educational purposes;

(b) an arena;

(c) used as a shop or office building and is to be or is more than two storeys in height; or

(d) used as a shop or office building and is to have or has more than 557 square metres of gross horizontal area in any storey enclosed within,

(i) exterior walls, or

(ii) any combination of exterior walls and interior walls having a fire-resistance rating without any opening to another building,

drawings, layout and specifications shall be filed with the Ministry for review in accordance with subsection 18 (3) of the Act.

(2) The drawings, layout and specifications filed in accordance with subsection 18 (3) of the Act shall,

(a) be accompanied by an application for review in Form 1;

(b) where applicable, include, drawn to a reasonable scale,

(i) a plot plan,

(ii) foundation plans,

(iii) elevations and sections,

(iv) structural details,

(v) floor plans,

(vi) heating, electrical and sanitation drawings,

(vii) details of ventilation systems, and

(viii) details of equipment, machinery or devices to be used in the processing of toxic or designated substances;

(c) be submitted in triplicate;

(d) include an estimate of the cost;

(e) in the case of drawings of a building or structure that is or is to be,

(i) an arena,

(ii) more than two storeys in height, or

(iii) more than 557 square metres in building area,

bear the signature and seal of a professional engineer or architect; and

(f) be accompanied by the appropriate fee as prescribed in section 8. O. Reg. 658/79, s. 7.

8.—(1) Subject to subsection (2), the fees to be paid for filing and review of drawings, layout and specifications shall be, where the estimated cost approved by an engineer of the Ministry is,

(a) not more than \$5,000, \$5; and

(b) more than \$5,000, \$1 for each \$1,000 or fraction thereof.

(2) No fee greater than \$5,000 is payable for any one building or structure. O. Reg. 658/79, s. 8.

9. The fee for each copy of a report or each copy of an order furnished under section 35 of the Act is \$100. O. Reg. 658/79, s. 9.

10. A notice under subsection 29 (5) of the Act shall be in Form 2. O. Reg. 658/79, s. 10.

#### PREMISES

11.—(1) Subject to subsection (2), fuel fired heating equipment shall be located in a separate room that,

(a) is not under a means of egress;

(b) with the exception of exterior walls, has a fire-resistance rating of at least one hour;

(c) is supplied with combustion air from outdoors; and

(d) has, subject to subsection (3), no opening in any wall facing an area containing a flammable or explosive gas, vapour, dust or fume.

(2) Subsection (1) does not apply to fuel fired heating equipment that,

(a) is installed in an outdoor roof-top location;

(b) acts as an infra-red heater;

(c) acts as a space heater,

(i) in a building, other than a service garage, of not more than two storeys including the basement, or

(ii) in a service garage, where the combustion element and the intake opening of the cold air return duct are at least 1.2 metres above floor level; or

(d) is an integral part of process equipment.

(3) Clause (1) (d) does not apply to a hot air supply duct opening which is equipped with a fire damper. O. Reg. 658/79, s. 11.

12. A floor or other surface used by any worker shall,

- (a) be kept free of,
  - (i) obstructions,
  - (ii) hazards, and
  - (iii) accumulations of refuse, snow or ice; and
- (b) not have any finish or protective material used on it that is likely to make the surface slippery. O. Reg. 658/79, s. 12.

13. Clearances between a moving part of any machine or any material carried by the moving part of the machine and any other machine, structure or thing shall be adequate to ensure that the safety of any worker in the area is not endangered. O. Reg. 658/79, s. 13.

14.—(1) Subject to subsection (2), there shall be a guardrail,

- (a) around the perimeter of an uncovered opening in a floor, roof or other surface to which a worker has access;
- (b) at an open side of,
  - (i) a raised floor, mezzanine, balcony, gallery, landing, platform, walkway, stile, ramp or other surface, or
  - (ii) a vat, bin or tank, the top of which is less than 107 centimetres above the surrounding floor, ground, platform or other surface; and
- (c) around a machine, electrical installation, place or thing that is likely to endanger the safety of any worker.

(2) Subsection (1) does not apply to,

- (a) a loading dock;
- (b) a roof to which access is required only for maintenance purposes; and
- (c) a pit used for,
  - (i) work on an assembly line, or
  - (ii) maintenance of vehicles or similar equipment. O. Reg. 658/79, s. 14.

15. A guardrail shall,

- (a) have a height of not less than 107 centimetres above the surface, floor, ground or platform on which it is installed;

(b) be capable of withstanding any load likely to be applied to it;

(c) when constructed of wood, be not less than thirty-eight millimetres times eighty-nine millimetres in cross section, securely supported on posts not less than thirty-eight millimetres times eighty-nine millimetres in cross-section, the posts being spaced at intervals of not more than 2.4 metres;

(d) have an intermediate rail which, when constructed of wood, is not less than seventy-five millimetres wide, securely fastened to the inner side of the posts mid-way between the top rail and the surface, floor, ground or platform on which it is installed;

(e) where tools or other objects may fall on any worker, have a toe-board extending from the floor platform or other surface to a height of not less than 125 millimetres; and

(f) be free of splinters and protruding nails.

O. Reg. 658/79, s. 15.

16. A cover on an opening in a floor, roof or other surface shall be,

- (a) secured in place; and
- (b) of sufficient strength to support,
  - (i) any load likely to be applied to it, or
  - (ii) 2.4 kilonewtons per square metre, whichever is the greater. O. Reg. 658/79, s. 16.

17. A door,

- (a) located or arranged so that it could be mistaken for an exit door; or
- (b) leading to a hazardous, restricted or unsafe area,

shall be identified by a warning sign posted on it.

O. Reg. 658/79, s. 17.

18. A fixed walkway, service stair or stile shall be at least fifty-five centimetres in width. O. Reg. 658/79, s. 18.

19.—(1) Subject to subsection (2), an access ladder fixed in position shall,

- (a) be vertical;
- (b) have rest platforms at not more than nine metre intervals;
- (c) be offset at each rest platform;
- (d) where the ladder extends over five metres, above grade, floor or landing, have a safety cage commencing not more than 2.2 metres above grade and continuing at least ninety centimetres above the top landing with

openings to permit access by a worker to rest platforms or to the top landing;

- (e) have side rails that extend ninety centimetres above the landing; and
- (f) have rungs which are at least fifteen centimetres from the wall and spaced at regular intervals.

(2) Subsection (1) does not apply to an access ladder on a tower, water tank, chimney or similar structure which has a safety device which will provide protection should a worker using the ladder fall. O. Reg. 658/79, s. 19.

20. Where frequent access is required to equipment elevated above or located below floor level, permanent platforms shall be provided with access by a fixed,

- (a) stair; or
- (b) access ladder. O. Reg. 658/79, s. 20.

21. Barriers, warning signs or other safeguards for the protection of all workers in an area shall be used where vehicle or pedestrian traffic may endanger the safety of any worker. O. Reg. 658/79, s. 21.

22. A skylight in a foundry shall be fitted with wired or shatter-proof glass or non-shatterable translucent material or with protective wire netting attached to its underside. O. Reg. 658/79, s. 22.

#### LIGHTING

23. Where natural lighting is inadequate to ensure the safety of any worker, artificial lighting shall be provided and shadows and glare shall be reduced to a minimum. O. Reg. 658/79, s. 23.

24. In an area of a building which is solely dependent on artificial lighting and where a failure of the regular lighting system would create conditions which might endanger the safety of any worker in the building, emergency lighting shall be provided which,

- (a) turns on automatically when the regular lighting fails;
- (b) is independent of the regular lighting source;
- (c) provides adequate lighting for evacuation of the area; and
- (d) shall be tested at least once every three months to ensure the system will function in an emergency, but not less frequently than recommended by the manufacturer. O. Reg. 658/79, s. 24.

#### FIRE PREVENTION — PROTECTION

25. A fire extinguisher shall,

- (a) not contain carbon tetrachloride, methyl bromide or other potentially toxic vaporizing liquid;
- (b) be inspected at least once every month by a worker appointed for that purpose and the date of the last inspection shall be recorded on a tag attached thereto; and
- (c) after use, be
  - (i) immediately recharged and returned to its marked station, or
  - (ii) replaced. O. Reg. 658/79, s. 25.

26.—(1) Subject to subsections (2), (3) and (4), where not required for immediate use, flammable liquids shall be,

- (a) in sealed containers; and
- (b) located,
  - (i) outdoors and remote from any means of egress,
  - (ii) in a building not used for any other purpose, or
  - (iii) in a room,

(A) separated from the rest of the building with partitions having,

- 1. at least a one-hour fire-resistance rating, and
- 2. self-closing doors, hinged to swing outwardly on their vertical axes,

(B) equipped with,

- 1. a drain connected to a dry sump or holding tank, and
- 2. liquid-tight seals between interior walls and floor and a liquid-tight ramped sill at any door opening, which is not in an exterior wall, and

(C) having natural ventilation to the outdoors by upper and lower exterior wall gravity louvres.

(2) Where not required for immediate use, flammable liquids,

(a) in opened containers; or

(b) having a flash point below 22.8° Celsius and a boiling point below 37.8° Celsius,

shall,

(c) comply with the requirements of clause (1) (b);

(d) be stored in facilities having no potential source of ignition; and

(e) when located in a room, be located in a room equipped with,

(i) explosion venting to the outdoors, and

(ii) a spark resistant floor.

(3) A maximum of 235 litres of flammable liquids may be stored,

(a) in sealed containers of not more than twenty-three litre capacity each; or

(b) in a metal cabinet of double walled construction with a 3-point door latch and a liquid-tight door sill raised at least fifty millimetres above the floor.

(4) An area where flammable liquids are dispensed shall have,

(a) mechanical ventilation from floor level to the outdoors at the rate of eighteen cubic metres per hour per square metre of floor area; and

(b) containers and dispensing equipment bonded and grounded when flammable liquid is dispensed. O. Reg. 658/79, s. 26.

27. A portable container used for dispensing flammable liquid in a work area shall be made of material suitable to provide for the safety of all workers and have,

(a) a spring-loaded cap; and

(b) a flame arrestor. O. Reg. 658/79, s. 27.

#### MACHINE GUARDING

28. Where a machine or prime mover or transmission equipment has an exposed moving part that may endanger the safety of any worker, the machine or prime mover or transmission equipment shall be equipped with and guarded by a guard or other device that prevents access to the moving part. O. Reg. 658/79, s. 28.

29. An in-running nip hazard or any part of a machine, device or thing that may endanger the safety of any worker shall be equipped with and guarded by a

guard or other device that prevents access to the pinch point. O. Reg. 658/79, s. 29.

30. A machine shall be shielded or guarded so that the product, material being processed or waste stock will not endanger the safety of any worker. O. Reg. 658/79, s. 30.

31. An emergency stop control on a power-driven machine shall,

(a) be conspicuously identified; and

(b) be located within easy reach of the operator. O. Reg. 658/79, s. 31.

32. An operating control that acts as a guard for a machine not otherwise guarded shall,

(a) be in a location where the safety of the operator is not endangered by moving machinery;

(b) be arranged so that it cannot be operated accidentally; and

(c) not be made ineffective by a tie-down device or other means. O. Reg. 658/79, s. 32.

33. A grinding wheel shall be,

(a) marked with the maximum speed at which it may be used;

(b) checked for defects before mounting;

(c) mounted in accordance with the manufacturer's specifications;

(d) operated at a speed which does not exceed the manufacturer's recommendations;

(e) provided with protective hoods that enclose the wheel as closely as the work will permit;

(f) operated only by workers protected by eye protection; and

(g) stored where it will not be subjected to,

(i) extreme heat or cold, or

(ii) damage from impact. O. Reg. 658/79, s. 33.

34. A work rest for a grinding wheel shall,

(a) have a maximum clearance of three millimetres from the grinding wheel;

(b) be in a position above the centre line of the grinding wheel; and

(c) not be adjusted while the grinding wheel is in motion. O. Reg. 658/79, s. 34.

35. A centrifugal extractor, separator or dryer shall have an interlocking device that will prevent,

- (a) any lid or covering guard from being opened or removed while the rotating drum or basket is in motion; and
  - (b) the starting of the drum or basket while the lid or covering guard is open or removed.
- O. Reg. 658/79, s. 35.

36. A tumbling mill or tumbling dryer shall have a locking device which prevents any movement of the mill or dryer that may endanger any worker during loading or unloading. O. Reg. 658/79, s. 36.

37. Portions of conveyors or other moving machinery that are not visible from the control station, and where starting up may endanger any worker, shall be equipped with automatic start-up warning devices. O. Reg. 658/79, s. 37.

38. Guards shall be provided beneath conveyors,

- (a) that pass over any worker; or
- (b) from which falling material, including broken conveyor parts, may be a hazard to any worker. O. Reg. 658/79, s. 38.

39. Overhead protection shall be provided where falling material may endanger any worker. O. Reg. 658/79, s. 39.

40.—(1) Subject to subsection (2), an explosive actuated fastening tool shall,

- (a) have a firing mechanism that will prevent the tool from being fired,
  - (i) while being loaded,
  - (ii) during preparation for firing, or
  - (iii) if dropped;
- (b) be capable of being operated only when the muzzle end is held against a working surface with a force of at least twenty-two newtons greater than the weight of the tool;
- (c) if required to be dismantled into separate parts for loading, be capable of being operated only when the separate parts are firmly locked together;
- (d) be capable of being fired only after two separate and distinct actions have been carried out by the operator, with the firing movement separate from the operation of bringing the tool into the firing position;
- (e) be used only when equipped with a protective guard or shield,

(i) suitable for the particular fastening operation being performed,

(ii) mounted at right angles to the barrel,

(iii) at least seventy-five millimetres in diameter, and

(iv) placed in a central position on the muzzle end of the tool except where the fastener is intended to be driven into a surface at a point within thirty-eight millimetres of another surface that is at an angle to the surface into which the fastener is intended to be driven;

(f) be capable of being operated when the guard prescribed by clause (e) is placed in the central position only when the bearing surface of the guard is tilted not more than eight degrees from the working surface;

(g) when not in use, be stored in a locked container;

(h) not be left unattended where it may be available to a person other than a worker having the qualifications set out in subclause (k) (i);

(i) whether loaded or unloaded, not be pointed directly at any person;

(j) not be loaded unless it is being prepared for immediate use;

(k) be used only,

(i) by a worker who has been instructed in the proper and safe manner of its use by the manufacturer or his authorized and qualified agent,

(ii) by a worker wearing both head protection and eye protection,

(iii) after it has been inspected by the worker referred to in subclause (i) to ensure that,

(A) the tool is clean,

(B) all moving parts operate freely,

(C) the barrel is free from any obstruction,

(D) the tool is adequately equipped for the intended use, and

(E) it is not defective,

(iv) in accordance with the instructions of the manufacturer,

- (v) with an explosive load of a strength adequate to perform the intended work without excessive force; and

- (vi) to drive a stud or other fastener suitable for insertion in the tool; and

- (l) not be used in an atmosphere containing flammable vapours, gases or dusts.

(2) Clauses (1) (e) and (f) do not apply to an explosive actuated fastening tool if the velocity of the stud or other fastener does not exceed ninety metres per second measured at a distance of two metres from the muzzle end of the tool when propelled by the maximum commercially available explosive load that the tool is chambered to accept.

(3) A misfired cartridge that has been removed from an explosive actuated fastening tool shall be placed in a water-filled container until the cartridge may be properly disposed of after its safe removal from the industrial establishment. O. Reg. 658/79, s. 40.

41. An explosive load for an explosive actuated fastening tool shall,

- (a) be so marked or labelled that the operator can readily identify its strength;
- (b) not be stored in a container where an explosive load of a different strength is stored;
- (c) not be left unattended where it may be available to a person other than a worker having the qualifications set out in subclause 40 (k) (i); and
- (d) when not in use, be stored in a locked container. O. Reg. 658/79, s. 41.

42. A hand-held nailing gun or similar tool shall be,

- (a) capable of being operated only when in contact with the work surface; and
- (b) operated only,
  - (i) by a competent person, and
  - (ii) when the operator is wearing eye protection. O. Reg. 658/79, s. 42

43. A chain saw shall,

- (a) have,
  - (i) a chain that minimizes the possibility of a kickback; and
  - (ii) a device which will effectively stop the chain in the event of a kickback;
- (b) be in safe operating condition;

- (c) when being started, be held firmly;

- (d) when being used, be held firmly by both hands; and

- (e) have the chain stopped when not actually cutting. O. Reg. 658/79, s. 43.

44. Electrical equipment, insulating materials and conductors shall be,

- (a) suitable for its use; and
- (b) certified by,
  - (i) the Canadian Standards Association, or
  - (ii) the Ontario Hydro Electrical Inspection Department. O. Reg. 658/79, s. 44.

45. The entrance to a room or similar enclosure containing exposed live electrical parts shall have a conspicuous sign, warning of the danger, and forbidding entry by unauthorized persons. O. Reg. 658/79, s. 45.

46.—(1) Subject to subsections (2) and (3), the power supply to electrical installations, equipment or power lines shall be disconnected and locked out of service prior to any work being done on, or in proximity to, the installations, equipment or power lines.

(2) Where it is not practicable to disconnect and lock out the power supply to live electrical installations, equipment or power lines,

- (a) rubber gloves, mats, shields or other protective equipment adequate to ensure the safety of all workers shall be used while the work is being performed; and
- (b) a person other than the worker doing the work who is trained in the use of artificial respiration, shall be conveniently available while the work is being performed.

(3) Where work is to be done on a power line of 750 volts or over, and the power supply cannot be disconnected and locked out of service,

- (a) the work shall be carried out by a competent person under the authority of an electrical utility; and
- (b) rubber gloves, mats, shields or other protective equipment, and procedures adequate to ensure the safety of all workers shall be used while work is being performed; and
- (c) a person, other than the worker doing the work, who is trained in the use of artificial respiration, shall be conveniently available

while the work is being performed. O. Reg. 658/79, s. 46.

47. Tools and other equipment, that are capable of conducting electricity and endangering the safety of any worker shall not be used in such proximity to any live electrical installation or equipment that they might make electrical contact with the live conductor. O. Reg. 658/79, s. 47.

48. Cord-connected electrical equipment and tools shall be effectively grounded. O. Reg. 658/79, s. 48.

#### MATERIAL HANDLING

49. Material, articles or things,

(a) required to be lifted, carried or moved, shall be lifted, carried or moved in such a way and with such precautions and safeguards, including protective clothing, guards or other precautions as will ensure that the lifting, carrying or moving of the material, articles or things does not endanger the safety of any worker;

(b) shall be transported, placed or stored so that the material, articles or things,

(i) will not tip, collapse or fall, and

(ii) can be removed or withdrawn without endangering the safety of any worker; and

(c) to be removed from a storage area, pile or rack, shall be removed in a manner that will not endanger the safety of any worker. O. Reg. 658/79, s. 49.

50. Machinery, equipment or material that may tip or fall and endanger any worker shall be secured against tipping or falling. O. Reg. 658/79, s. 50.

51. Cylindrical objects stored on their side shall be piled symmetrically with each unit in the bottom row chocked or wedged to prevent motion. O. Reg. 658/79, s. 51.

52. Barrels, drums or kegs that are piled on their ends shall have two parallel planks placed on top of each row before another row is added. O. Reg. 658/79, s. 52.

53. A storage cylinder for compressed gas shall,

(a) have a valve connection that prevents an inadvertent connection which would result in a hazardous mixture of gases;

(b) be secured in position during transportation, storage or use;

(c) have the valve protection cap in position when the cylinder is not in use;

(d) when containing acetylene, be in an upright position; and

(e) be protected from physical damage. O. Reg. 658/79, s. 53.

54. A silo, bin, hopper, structure, container or thing that is not a confined space for which the requirements of sections 71, 72, 73, 74 and 75 apply, and that is used for storing or containing bulk material may be entered only where,

(a) the supply of material thereto is stopped and precautions are taken that will prevent any further supply;

(b) the worker entering is wearing a safety harness or other similar equipment attached to a rope or lifeline such that the worker shall not be endangered by any collapse or shifting of material in the silo, bin, hopper, structure, container or thing; and

(c) at least one other worker equipped with a suitable alarm and capable of rendering any necessary assistance is keeping watch nearby. O. Reg. 658/79, s. 54.

55.—(1) A lifting device shall,

(a) be so constructed, of such strength and be equipped with suitable ropes, chains, slings and other fittings so as to adequately ensure the safety of all workers;

(b) be thoroughly examined by a competent person to determine its capability of handling the maximum load as rated,

(i) prior to being used for the first time, and

(ii) thereafter as often as necessary but not less frequently than recommended by the manufacturer and in any case, at least once a year,

and a permanent record shall be kept, signed by the competent person doing the examination;

(c) be plainly marked with sufficient information so as to enable the operator of the device to determine the maximum rated load that the device is capable of lifting under any operating condition;

(d) have a cab, screen, canopy guard or other adequate protection for the operator where he may be exposed to the hazard of falling material;

- (e) when it is a pneumatic or hydraulic hoist, have controls that automatically return to their neutral position when released.
  - (2) A lifting device shall be operated,
    - (a) only by,
      - (i) a competent person, or
      - (ii) a worker being instructed who is accompanied by a competent person; and
    - (b) in such a way that,
      - (i) no part of the load passes over any worker,
      - (ii) where a worker may be endangered by the rotation or uncontrolled motion of a load, one or more guide ropes is used to prevent rotation or other uncontrolled motion, and
      - (iii) subject to subsection (3), when its load is in a raised position the controls are attended by an operator.
  - (3) Subclause (2) (b) (iii) does not apply to,
    - (a) a hydraulic hoist that supports the load from below and is fixed in one location; and
    - (b) an assembly line hoist temporarily unattended during a stoppage of the assembly line.
  - (4) Hoisting controls operated from other than a cab or cage shall,
    - (a) be located so that they can be operated at a safe distance from a load being lifted; and
    - (b) automatically return to their neutral position when released.
  - (5) Where a lifting device is equipped with limit switches, the switches shall,
    - (a) automatically cut off the power and apply the brake; and
    - (b) not be used as an operating control unless designed for such use, in which case a second limit switch shall be located behind the control limit switch. O. Reg. 658/79, s. 55.
56. A crane, lift truck or similar equipment shall be used to support, raise or lower a worker only when,
- (a) the worker is on a platform,
    - (i) equipped with adequate safety devices that will automatically prevent the platform and load from falling if the platform's normal support fails,
  - (ii) suspended from a boom that does not move, and the person is attached to a separate lifeline suspended from the boom or a fixed support capable of supporting at least four times the weight of the worker, or
  - (iii) attached to a mast, or boom which,
    - (A) is hydraulically or pneumatically operated, and
    - (B) is equipped with a safety device that will prevent free fall of the platform in the event of a pressure line failure;
- (b) where the equipment is not designed for the specific purpose of hoisting personnel, the load applied to the crane, lift truck or similar equipment is less than one half the maximum rated load;
  - (c) the platform has a sign indicating the load described in clause (b);
  - (d) where controls are provided at more than one location,
    - (i) each control station is provided with means whereby the operator can shut off power to the equipment, and
    - (ii) interlocks have been provided so that only one station can be operative at any time; and
  - (e) except when the controls are operated from the platform, the controls are attended and operated by another worker. O. Reg. 658/79, s. 56.
57. Where a travelling crane is operated on a crane runway, there shall be,
- (a) rail stops or bumpers extending at least as high as the centre of the wheels at both ends of the crane runway; and
  - (b) where applicable, similar rail stops at the ends of the crane bridge. O. Reg. 658/79, s. 57.
- 58.—(1) Mobile equipment shall,
- (a) when lighting conditions are such that its operation may be hazardous, have head lights and tail lights that provide adequate illumination;

- (b) when exposed to the hazard of falling material, have a screen or canopy guard adequate to protect the operator;
- (c) be used to transport a person, other than the operator, only when that worker is seated in a permanently installed seat; and
- (d) subject to subsection (2), be operated only by a competent person.

(2) Clause (1) (d) does not apply to mobile equipment operated by a worker while he is being instructed and accompanied by a competent person. O. Reg. 658/79, s. 58.

59. A vehicle used to transport structural steel, logs or similar loads shall have a bulkhead between the operator's cab and the load that is reasonably capable of resisting any impact caused by the shifting of the load under emergency stop conditions. O. Reg. 658/79, s. 59.

60. Where the operator of a vehicle, mobile equipment, crane or similar material handling equipment does not have a full view of the intended path of travel of the vehicle, mobile equipment, crane or similar material handling equipment or its load, the vehicle, mobile equipment, crane or similar material handling equipment shall only be operated as directed by a signalman who is a competent person and who is stationed,

- (a) in full view of the operator;
- (b) with a full view of the intended path of travel of the vehicle, mobile equipment, crane or similar material handling equipment and its load; and
- (c) clear of the intended path of travel of the vehicle, mobile equipment, crane or similar material handling equipment and its load. O. Reg. 658/79, s. 60.

61. A vehicle left unattended shall be immobilized and secured against accidental movement. O. Reg. 658/79, s. 61.

62. Powered equipment shall not be left unattended unless forks, buckets, blades and similar parts are in the lowered position or solidly supported. O. Reg. 658/79, s. 62.

63. Except for the purpose of a test of the material handling equipment, no material handling equipment shall be loaded in excess of its maximum rated load. O. Reg. 658/79, s. 63.

64.—(1) Except as prescribed by subsection 46 (3), where a vehicle, crane or similar equipment is operated near a live power line carrying electricity at more than 750 volts, every part of the equipment shall be kept at least the minimum distance from the live

power line set out in Column 2 of the Table for the particular voltage set out opposite thereto in Column 1 of the Table:

TABLE

Minimum distance from live power lines for electricity	
COLUMN 1	COLUMN 2
Voltage of live power line	Minimum Distance
750 to 150,000 volts	3 metres
150,001 to 250,000 volts	4.5 metres
250,001 volts and over	6 metres

(2) Subject to subsection 46 (3), where a vehicle, crane or similar equipment is operated near a live power line, and it is possible for any part of the vehicle, crane or similar equipment or its load to make contact with the live power line,

- (a) a worker shall be stationed within the view of the operator to warn him when any part of the equipment is approaching the minimum distance from the live power line; and
- (b) clearance shall be allowed for any change in boom angle and for any swing of the hoisting cable and load. O. Reg. 658/79, s. 64.

65. Gasoline engines on mobile or portable equipment shall be refuelled,

- (a) outdoors;
- (b) with the engine on the equipment stopped;
- (c) with no source of ignition, within three metres of the dispensing point; and
- (d) with an allowance made for expansion of the fuel should the equipment be exposed to a higher ambient temperature. O. Reg. 658/79, s. 65.

66.—(1) Subject to subsection (2), a piping system containing a substance which, because of its toxicity, temperature, pressure, flammability or other property, is hazardous, shall have its contents and direction of flow positively identified,

- (a) at valves and fittings;
- (b) where a pipe passes through a wall or floor; and
- (c) where circumstances may make such contents and direction of flow doubtful.

(2) Subsection (1) does not apply to a piping system in a petro-chemical plant where processing and maintenance are carried out by a competent person under controlled conditions so as to provide for the protection of all workers. O. Reg. 658/79, s. 66.

67. A process that is likely to produce a gas, vapour, dust or fume, to such an extent as to be capable of forming an explosive mixture with air shall be carried out in an area which has provision for safe disposal by burning under controlled conditions or in an area which,

- (a) is isolated from other operations;
- (b) has a system of ventilation adequate to ensure that the gas, vapour, dust or fume does not reach a hazardous concentration;
- (c) has no potential sources of ignition;
- (d) has provision for explosion venting; and
- (e) has, where applicable, baffles, chokes or dampers to reduce the effects of any explosion. O. Reg. 658/79, s. 67.

68. Where the hazard of a dust explosion may be created by the entry of foreign particles into equipment, the equipment shall have separators which prevent such entry. O. Reg. 658/79, s. 68.

69.—(1) Subject to subsection (2), a collector that collects aluminum, magnesium or other fine dust of an easily ignitable nature shall be located,

- (a) outdoors; or
- (b) in a room used solely for the housing of dust-collecting equipment which is,
  - (i) separated from the rest of the building by a dust-tight partition having a minimum fire-resistance rating of one hour, and
  - (ii) constructed to provide explosion venting to the outdoors. O. Reg. 658/79, s. 69 (1).

(2) Subsection (1) does not apply to a collector,

- (a) that uses an inert liquid as a medium to collect dust;
- (b) that is used for a wood-working operation other than wood flour manufacturing and having less than 0.47 cubic metres per second capacity;
- (c) that will safely contain explosions; or
- (d) that will resist explosions and is equipped with effective explosion venting to the out-

doors. O. Reg. 658/79, s. 69 (2); O. Reg. 844/79, s. 2.

70. A compressed air or other compressed gas blowing device shall not be used for blowing dust or other substances,

- (a) from clothing worn by a worker except where the device limits increase in pressure when the nozzle is blocked; or
- (b) in such a manner as to endanger the safety of any worker. O. Reg. 658/79, s. 70; O. Reg. 844/79, s. 3.

#### CONFINED SPACE

71. The requirements of sections 72, 73, 74 and 75 apply, with all necessary modifications, to any confined space while a worker is in that space. O. Reg. 658/79, s. 71.

72. Subject to section 74, a confined space shall be entered only where,

- (a) there is an easy egress from all accessible parts of the confined space;
- (b) mechanical equipment in the confined space is,
  - (i) disconnected from its power source, and
  - (ii) locked out;
- (c) all pipes and other supply lines whose contents are likely to create a hazard are blanked off; and
- (d) the confined space is tested and evaluated by a competent person who,
  - (i) records the results of each test in a permanent record, and
  - (ii) certifies in writing in the permanent record that the confined space,

(A) is free from hazard, and

(B) will remain free from hazard while any worker is in the confined space having regard to the nature and duration of the work to be performed.

O. Reg. 658/79, s. 72.

73. Subject to section 74, a confined space in which there exists or is likely to exist,

- (a) hazardous gas, vapour, dust or fume; or

- (b) an oxygen content of less than 18 per cent or more than 23 per cent at atmospheric pressure,

shall be entered only when,

- (c) the requirements of section 72 are complied with;
- (d) the space is purged and ventilated to provide a safe atmosphere;
- (e) the measures necessary to maintain a safe atmosphere have been taken;
- (f) another worker is stationed outside the confined space;
- (g) suitable arrangements have been made to remove the worker from the confined space should he require assistance; and
- (h) a person adequately trained in artificial respiration is conveniently available. O. Reg. 658/79, s. 73.

74. A confined space in which there exists or is likely to exist,

- (a) a hazardous gas, vapour, dust or fume; or
- (b) an oxygen content of less than 18 per cent or more than 23 per cent at atmospheric pressure,

and that cannot be purged and ventilated to provide and maintain a safe atmosphere shall be entered only when,

- (c) all the requirements of section 72 except sub-clause (d) (ii) are complied with;
- (d) the worker entering is using a suitable breathing apparatus and a safety harness or other similar equipment to which is securely attached a rope, the free end of which is held by a worker equipped with an alarm who is keeping watch outside the confined space;
- (e) the worker entering is using such other equipment as is necessary to ensure his safety;
- (f) the safety harness, rope and other equipment mentioned in clause (d) have been inspected by a competent person and are in good working order; and
- (g) a person adequately trained in artificial respiration is conveniently available. O. Reg. 658/79, s. 74.

75.—(1) Subject to subsection (2), where the gas or vapour in a confined space is or is likely to be explosive or flammable, the confined space shall be entered only where,

- (a) the concentration of the gas or vapour does not or is not likely to exceed 50 per cent of the lower explosive limit of the gas or vapour; and

- (b) the only work to be performed is that of cleaning or inspecting and of such a nature that it does not create any source of ignition.

(2) Cold work may be performed in a confined space that contains or is likely to contain an explosive or flammable gas or vapour where the concentration does not, and is not likely to exceed 10 per cent of the lower explosive limit of the gas or vapour. O. Reg. 658/79, s. 75.

#### MAINTENANCE AND REPAIRS

76.—(1) Where a structure is damaged to the extent that a collapse of the structure or any part of the structure is likely to occur and cause injury to a worker,

- (a) the structure shall be braced and shored to prevent the collapse of the structure; or
- (b) effective safeguards shall be provided to prevent access to the area.

(2) The bracing and shoring or other safeguards prescribed by subsection (1) shall be installed progressively to ensure that a worker installing the bracing and shoring or other safeguards is not in danger. O. Reg. 658/79, s. 76.

77. A portable ladder shall,

- (a) be free from broken or loose members or other faults;
- (b) have non-slip feet;
- (c) be placed on a firm footing;
- (d) where it,
  - (i) exceeds six metres in length and is not securely fastened, or
  - (ii) is likely to be endangered by traffic,

be held in place by one or more workers while being used; and

- (e) when not securely fastened, be inclined so that the horizontal distance from the top support to the foot of the ladder is not less than  $\frac{1}{4}$  and not more than  $\frac{1}{3}$  of the length of the ladder. O. Reg. 658/79, s. 77.

78. Machinery, equipment or material that is temporarily elevated and under which a worker may pass or work shall be securely and solidly blocked to prevent the machinery, equipment or material from falling or moving. O. Reg. 658/79, s. 78.

79. A part of a machine, transmission machinery, device or thing shall be cleaned, oiled, adjusted, repaired or have maintenance work performed on it only when,

- (a) motion that may endanger a worker has stopped; and
- (b) any part that has been stopped and that may subsequently move and endanger a worker has been blocked to prevent its movement. O. Reg. 658/79, s. 79.

80. Where the starting of a machine, transmission machinery, device or thing may endanger the safety of a worker,

- (a) control switches or other control mechanisms shall be locked out; and
- (b) other effective precautions necessary to prevent such starting shall be taken. O. Reg. 658/79, s. 80.

81. Safety chains, cages or other protection against blown-off side or lock rings shall be used when inflating a tire mounted on a rim. O. Reg. 658/79, s. 81.

82.—(1) Subject to subsection (2), where repairs or alterations are to be made on a drum, tank, pipeline or other container, the drum, tank, pipeline or other container shall,

- (a) have internal pressures adjusted to atmospheric before any fastening is removed;
- (b) be drained and cleaned or otherwise rendered free from any explosive, flammable or harmful substance; and
- (c) not be refilled while there is any risk of vapourising or igniting the substance that is being placed in the drum, tank, pipeline or other container.

(2) Clauses (1) (a) and (b) do not apply to a pipeline where hot-tapping and boxing-in are carried out by a competent person under controlled conditions so as to provide for the protection of all workers. O. Reg. 658/79, s. 82.

#### PROTECTIVE EQUIPMENT

83. A worker required to wear or use any protective clothing, equipment or device shall be instructed and trained in its care and use before wearing the protective clothing, equipment or device. O. Reg. 658/79, s. 83.

84. Where a worker is exposed to the hazard of head injury he shall wear head protection appropriate in the circumstances. O. Reg. 658/79, s. 84.

85. Where a worker is exposed to eye injury he shall wear eye protection appropriate in the circumstances. O. Reg. 658/79, s. 85.

86. Where a worker is exposed to the hazard of foot injury he shall wear foot protection appropriate in the circumstances. O. Reg. 844/79, s. 4.

87.—(1) Long hair shall be suitably confined to prevent entanglement with any rotating shaft, spindle, gear, belt or other source of entanglement.

(2) Jewellery or clothing that is loose or dangling or rings shall not be worn near any rotating shaft, spindle, gear, belt or other source of entanglement. O. Reg. 658/79, s. 87.

88. Where a worker is exposed to the hazard of injury from contact of his skin with,

- (a) a noxious gas, liquid, fume or dust;
- (b) a sharp or jagged object which may puncture, cut or abrade his skin;
- (c) a hot object, hot liquid or molten metal; or
- (d) radiant heat,

he shall be protected by,

- (e) wearing apparel sufficient to protect him from injury; or
- (f) a shield, screen or similar barrier,

appropriate in the circumstances. O. Reg. 658/79, s. 88.

89. Where a worker is exposed to the hazard of falling and the surface to which he might fall is more than three metres below the position where he is situated,

- (a) he shall wear a serviceable safety belt or harness and lifeline adequately secured to a fixed support and so arranged that he cannot fall freely for a vertical distance of more than 1.5 metres; and
- (b) the fall arresting system described in clause (a) shall,

(i) have sufficient capacity to absorb twice the energy and twice the load that under the circumstances of its use may be transmitted to it, and

(ii) be equipped with a shock absorber or other devices to limit the maximum arresting force to 8.0 kilonewtons to the wearer. O. Reg. 658/79, s. 89.

90. Where a worker is exposed to the hazard of falling into liquid that is of sufficient depth for a life jacket to be effective as protection from the risk of drowning,

(a) he shall wear a life jacket; and

(b) there shall be an alarm system and rescue equipment, appropriate in the circumstances, to ensure his rescue from the liquid.

O. Reg. 658/79, s. 90.

MOLTEN METAL

91.—(1) Subject to subsection (2), no foundry in which any part of the lowest floor level of any working space is below the adjacent ground level shall be operated, established or put into operation.

(2) The operation of a foundry, in which any part of the lowest floor level of any working space is below the adjacent ground level and that was in operation before the 31st day of July, 1964, may be continued. O. Reg. 658/79, s. 91.

92.—(1) A clear space adequate for safe operating and maintenance purposes shall be provided between the outer shell of any cupola or other melting unit and any wall, structure, equipment or operation.

(2) Subject to subsection (5), the width of any passageway or aisle adjacent to a melting unit shall not be less than 1.2 metres.

(3) The firing portion and fuel supply controls of each melting unit shall be accessible from an aisle or be in a location remote from a melting unit.

(4) Subject to subsection (5), the dimensions of the working space at any melting unit shall not be less than 1.8 metres measured horizontally from the furnace shell or pouring spout or such additional clearance as is required for safe working.

(5) Subsections (2) and (4) do not apply to a melting unit installed before the 31st day of July, 1964. O. Reg. 658/79, s. 92.

93. Permanent gangways shall be clearly marked. O. Reg. 658/79, s. 93.

94.—(1) Subject to subsections (2) and (3), where molten metal is conveyed, the minimum width of a gangway for one-way traffic shall be as specified in the following Table:

TABLE

Type of Metal Container	Number of Workers Conveying Metal	Minimum Width
Hand shank ladles and crucibles	2 or less	90 centimetres
Hand shank ladles and crucibles	More than 2	120 centimetres
Ladle or crucible on truck, buggy or overhead track		60 centimetres wider than greatest width of ladle, crucible, truck, buggy or container support

(2) Where a gangway is used for traffic in both directions but molten metal is conveyed in one direction only, the width required by subsection (1) shall be increased by at least ninety centimetres.

(3) Where a gangway is used for carrying molten metal in both directions, the width required by subsection (1) shall be doubled.

(4) Where a ladle is carried by an overhead crane,

(a) adequate warning shall be given before the ladle is moved; and

(b) the danger area over which it is transported shall be clear of any worker. O. Reg. 658/79, s. 94.

95. Where a hand ladle or crucible is used to pour metal, the minimum width of a pouring aisle shall be as specified in the following Table:

TABLE

Height of Mould Above Aisle Level	Number of Workers Allocated to the Pouring Operation	Minimum Width of a Pouring Aisle
Less than 50 centimetres	Not more than 2	40 centimetres
50 centimetres or greater	Not more than 2	60 centimetres
Any height	More than 2	90 centimetres

O. Reg. 658/79, s. 95.

96. Where molten metal is poured from a crane, trolley or truck ladle, the minimum width of a pouring aisle shall not be less than thirty centimetres greater than the greatest width of the ladle equipment, except where a bottom-pour ladle is used, in which case the aisle width shall be ninety centimetres or more. O. Reg. 658/79, s. 96.

97. Where a worker is engaged in the handling of molten metal, gaiter-type boots shall be worn together with leggings or other protective clothing such that the tops of the boots are overlapped to protect the worker from injury due to molten metal. O. Reg. 658/79, s. 97.

98. A tilting ladle for molten metal shall be secured against accidental overturning. O. Reg. 658/79, s. 98.

99. A cupola shall have,

(a) legs and supports protected from damage by molten metal;

- (b) doors on the top hinged to act as explosion vents to the outdoors when equipped with a closed top;
- (c) a positive means of preventing the accumulation of combustible gases in the air supply system when the air supply fails; and
- (d) a continuous open flame or other means of ignition maintained above the charging level of the cupola while the cupola is in operation and until all combustible material in the cupola is consumed. O. Reg. 658/79, s. 99.

100.—(1) Subject to subsection (2), the bottom of a cupola shall be supported by one or more adequate metal props with metal bases and wedges supported on concrete or other solid footing.

- (2) The bottom of a cupola shall be dropped only,

- (a) after a visual and audible warning signal has been given for at least three minutes; and
- (b) by having the prop or props removed by a winch or similar device operated from outside a wall or shield at the cupola or from another safe location.

(3) As soon as is practicable after a cupola is emptied, coke slag and unmelted metal from the dropping of the cupola bottom shall be removed by a mechanical rake or other mechanical means. O. Reg. 658/79, s. 100.

101.—(1) Subject to subsection (2), material to be charged into molten metal shall be free from ice or moisture.

(2) Subsection (1) does not apply where precautions have been taken to ensure that any resultant reaction will not endanger any worker. O. Reg. 658/79, s. 101.

102. A completely enclosed vessel shall be broken open prior to its being charged into a furnace. O. Reg. 658/79, s. 102.

103. Where metal castings or scrap are broken by means of a dropping device, or similar device, a permanent shield of wood planking at least thirty-eight millimetres thick shall be provided to protect workers from flying metal fragments. O. Reg. 658/79, s. 103.

104. A container used for holding or transporting molten metal shall be dry before use. O. Reg. 658/79, s. 104.

105. The floor and any water system immediately surrounding a melting unit shall be so constructed as to prevent the accumulation of moisture under or near the melting unit. O. Reg. 658/79, s. 105.

106. Where molten metal is handled on a gallery, mezzanine or other area having any working space below it, the gallery, mezzanine or area shall have a

solid floor that will prevent molten metal from leaking or burning through it and the gallery, mezzanine or other area shall have a solid barrier, of not less than 1.05 metres in height, on all exposed sides to prevent metal spillage from the gallery, mezzanine or other area. O. Reg. 658/79, s. 106.

#### LOGGING

107. In this section and in sections 108 to 120,

- (a) "bucking" means the act of sawing a log or a tree that has been felled into smaller pieces;
- (b) "chicot" means a dead tree or a dead limb of a tree;
- (c) "felling area" means an area where trees are being felled and into which they might fall;
- (d) "hang up" means a tree that has not fallen to the ground after being,
  - (i) partly or wholly separated from its stump, or
  - (ii) displaced from its natural position;
- (e) "haul road" means a road, other than a highway as defined in the *Highway Traffic Act*, on which vehicles used to haul logs are operated;
- (f) "landing area" means a cleared area where trees or logs are stored, measured, processed, unloaded or loaded and includes a log dump;
- (g) "limbing" means the act of removing limbs from a tree before or after felling;
- (h) "logger" means a worker who engages in logging and includes the employer and any person under the control of the employer;
- (i) "skidding" means the operation of moving logs or trees by pulling across the terrain;
- (j) "snag" means any material or object that may interfere with the safe movement of a tree or log or that may endanger a person or any equipment;
- (k) "spring pole" means a section of tree, or bush which is, by virtue of its arrangement in relation to other materials, under tension;
- (l) "stake" means a wooden or metal post used to support and prevent the lateral movement of logs;
- (m) "tree" means a tree that is standing or is down and from which the limbs have not been removed. O. Reg. 658/79, s. 107.

108.—(1) Subject to subsection (2), a felling area shall be kept clear of workers.

(2) Subsection (1) does not apply to,

- (a) a worker authorized by the employer or supervisor to be in the felling area; or
- (b) an inspector or worker accompanying an inspector in the course of their duties. O. Reg. 658/79, s. 108.

109. A landing area shall have sufficient space cleared of any hazard to enable operations to be performed without endangering any worker. O. Reg. 658/79, s. 109.

110. A tree shall,

- (a) be felled only,
  - (i) after all workers other than the logger felling the tree are cleared from the danger area,
  - (ii) after all snags have been cut and cleared away,
  - (iii) after all chicots and spring poles in the vicinity of the tree being felled have been lowered safely to the ground, and
  - (iv) in such a manner that the logger felling the tree is able to stand clear of the tree during its fall;
- (b) be felled alongside or across a road only after the road has been blocked off or controlled by a signalman; and
- (c) be limbed, bucked or topped only when the logger is in a position so that the limb, log or top when severed cannot roll or drop on him. O. Reg. 658/79, s. 110.

111. When a hang up occurs,

- (a) the logger shall keep the felling area clear of all workers; and
- (b) the hang up shall,
  - (i) be felled forthwith by winching or pulling using a chain or cable from a safe distance or by other safe means,
  - (ii) not be climbed by any worker,
  - (iii) not be lowered by felling another tree into or onto it, and
  - (iv) not be removed by cutting the supporting tree. O. Reg. 658/79, s. 111.

112. A spring pole shall be severed or cut in a manner that will not endanger,

- (a) the logger cutting or severing the spring pole; or
- (b) any other worker. O. Reg. 658/79, s. 112.

113. Skidding shall be done,

- (a) only when all loggers, other than the operator of the vehicle doing the skidding, are clear of the danger area; and
- (b) so as not to raise the log being skidded to a height that might,
  - (i) cause the vehicle moving the log to upend or overturn, or
  - (ii) otherwise endanger the operator of the vehicle moving the log. O. Reg. 658/79, s. 113.

114. A log shall be loaded or unloaded only when,

- (a) the requirements of section 60 are met; and
- (b) the immediate area is clear of all workers except those engaged or assisting in the loading or unloading. O. Reg. 658/79, s. 114.

115. Except for a truck, a vehicle used in logging shall be equipped with a canopy that is,

- (a) of sufficient strength and construction to protect any worker in the cab from,
  - (i) any load likely to fall on the canopy, and
  - (ii) crushing injury due to the vehicle rolling over; and
- (b) installed by welding or bolting to the frame of the vehicle. O. Reg. 658/79, s. 115.

116. A truck used in logging shall have all rear windows guarded against penetration by any part of its load by a guard the strength of which is equivalent to the strength of the cab in which the window is located. O. Reg. 658/79, s. 116.

117.—(1) A vehicle used for hauling logs shall,

- (a) comply with section 59;
- (b) be so loaded that no log extends,
  - (i) outside the stakes, or
  - (ii) farther than one-half its diameter above the stakes;

- (c) have its load secured with chains or cables so as to prevent the dislodging or other movement of the load or any part thereof;
- (d) while any worker is in the cab, not be loaded or unloaded by a method in which a boom or part of the load is likely to pass over the cab;
- (e) have the cab occupied by more than two workers only in an emergency;
- (f) subject to clause (e), be operated only when all workers are clear of the vehicle or its load; and
- (g) when unable to be unloaded completely by mechanical means,
  - (i) be equipped with a tripping device for releasing the load that is so located that the worker operating the device is not endangered, and
  - (ii) have its load released only in compliance with subclause (i).

(2) Where a truck or trailer used for hauling logs is equipped with stakes and the stakes are trip stakes, such stakes shall only be located on the right-hand side or rear of the truck or trailer. O. Reg. 658/79, s. 117.

**118. A haul road shall,**

- (a) be adequate to provide for the safe operation of vehicles;
- (b) have by-passes or turnout spaces at sufficiently frequent intervals to permit the safe passing of vehicles using the road; and
- (c) have signs warning of the approach to every,
  - (i) bridge,
  - (ii) crossroad,
  - (iii) blind curve,
  - (iv) steep grade, and
  - (v) railway crossing. O. Reg. 658/79, s. 118.

**119. A bridge on a haul road shall,**

- (a) be structurally adequate to support any load likely to be applied to it;
- (b) have curbs of a height of not less than fifteen centimetres on each side of the travelled portion of the bridge;
- (c) be of sufficient width between curbs to permit the passage of vehicles using the bridge; and

- (d) have markers which clearly indicate the widths and ends of the bridge. O. Reg. 658/79, s. 119.

**120. A vehicle used to transport loggers shall have the part of the vehicle in which the loggers are transported,**

- (a) structurally adequate to support any load likely to be applied to it;
- (b) provided with an adequate number of seats securely attached to the vehicle so that all loggers being transported may be seated;
- (c) illuminated by an electrical lighting system;
- (d) equipped with a means of communication between the loggers and operator of the vehicle to enable the loggers to signal the operator to stop;
- (e) adequately ventilated to protect loggers from noxious fumes and gases;
- (f) free of tools, equipment or flammable liquid, which may be in racks outside the logger compartment;
- (g) when used in inclement weather,
  - (i) enclosed to provide protection from the weather, and
  - (ii) adequately heated to protect the passengers from undue discomfort due to cold; and
- (h) provided with emergency exits in accordance with the provisions of the *Highway Traffic Act*. O. Reg. 658/79, s. 120.

## PART II

### BUILDINGS

**121.** Except as prescribed in this Part, the health and safety requirements of the *Building Code* made under the *Building Code Act* apply to all industrial establishments. O. Reg. 658/79, s. 121.

**122.** In this part, "hazardous room" means a room in an industrial establishment containing a substance which because of its chemical nature, or because of the form in which it exists or is handled or processed, may explode or become ignited easily and cause fire or create an atmosphere or condition of imminent hazard to health or safety. O. Reg. 658/79, s. 122.

**123. Where a hazardous room,**

- (a) has an area greater than fifteen square metres; or

- (b) requires a distance of travel to a means of egress from any point in the room greater than 4.5 metres,

the hazardous room shall be,

- (c) provided with at least two means of egress that,
  - (i) are at least three-quarters of the length of the diagonal distance of the room from each other, and
  - (ii) are within a maximum distance of twenty-three metres from any point in the room; and
- (d) located in a floor area having at least two exits. O. Reg. 844/79, s. 5.

**124.—(1)** A building or part of a building,

- (a) not over two storeys in height;
- (b) erected before the 30th day of June, 1972;
- (c) used as a retail shop before the 30th day of June, 1972 and that continues to be used as a retail shop; and
- (d) in which no storey has an area of more than 465 square metres,

shall have,

- (e) where the travel distance from any point to an exit is not greater than twenty-three metres at least,
  - (i) one exit from the first storey at grade level, and
  - (ii) one stairway from the second storey, mezzanine and basement;
- (f) where the travel distance from any point to an exit is greater than twenty-three metres, at least,
  - (i) one front and one rear door from the first storey at grade level,
  - (ii) two stairways that are located as far from each other as is practicable from the second storey and the basement,
  - (iii) subject to subclause (iv), one stairway from a mezzanine,
  - (iv) two stairways from a mezzanine where the travel distance from any point on the mezzanine to a stairway is greater than fifteen metres, and

- (v) a fire separation with a fire-resistance rating of at least one hour between a storage area and retail area; and

- (g) subject to subsection (3), where both basement and second floor are served by open stairways, the openings to the basement enclosed with a minimum fire separation of three-quarters of an hour.

(2) Where two stairways are prescribed by subclause (1) (f) (ii) or (iv), a ladder or a fire escape may be substituted for one of the stairways.

(3) A door in a fire separation mentioned in clause (1) (g) shall be equipped with a self-closing device and may also be equipped with a hold-open device that is released by a smoke detector. O. Reg. 658/79, s. 124.

**125.** An exit may lead to a fire escape only where the fire escape,

- (a) does not provide more than one-half of the required exit width; and
- (b) is on a building erected,
  - (i) on or before the 1st day of July, 1952, or
  - (ii) after the 1st day of July, 1952 and before the 1st day of January, 1976, where the fire escape does not serve any storey higher than five storeys above grade. O. Reg. 658/79, s. 125.

**126.** Except for public corridors, exit enclosures, separation between occupancies, horizontal and vertical service space, service rooms and fire separation of openings, the requirements of the *Building Code* made under the *Building Code Act* regarding,

- (a) fire-resistance rating; and
- (b) non-combustible construction,

do not apply to an industrial establishment erected before the 1st day of January, 1976. O. Reg. 658/79, s. 126.

**127.** The "Additional Requirements for High Buildings" as specified in subsection 3.2.6. of the *Building Code*, made under the *Building Code Act*, do not apply to industrial establishments erected before the 30th day of June, 1972. O. Reg. 658/79, s. 127.

### PART III

#### INDUSTRIAL HYGIENE

**128.** Where a worker is exposed to a potential hazard of injury to the eye due to contact with a biological or chemical substance, an eyewash fountain shall be provided. O. Reg. 658/79, s. 128.

129. Where a worker is exposed to a potential hazard of injury to the skin due to contact with a substance, a quick-acting deluge shower shall be provided. O. Reg. 658/79, s. 129.

130. Removal of material shall be done in such a way as not to cause a hazard. O. Reg. 658/79, s. 130.

131. An industrial establishment shall be adequately ventilated by either natural or mechanical means such that the atmosphere does not endanger the health and safety of workers. O. Reg. 658/79, s. 131.

132.—(1) Replacement air shall be provided to replace air exhausted.

(2) The replacement air shall,

(a) be heated, when necessary, to maintain at least the minimum temperature in the work place specified in section 133;

(b) be free from contamination with any hazardous dust, vapour, smoke, fume, mist or gas; and

(c) enter in such a manner so as,

(i) to prevent blowing of settled dust into the work place,

(ii) to prevent interference with any exhaust system, and

(iii) not to cause undue drafts.

(3) The discharge of air from any exhaust system shall be in such a manner so as to prevent the return of contaminants to any work place. O. Reg. 658/79, s. 132.

133.—(1) Subject to subsection (2), an enclosed work place shall be at a temperature.

(a) suitable for the type of work performed; and

(b) not less than 18°Celsius.

(2) Clause (1) (b) does not apply to a work place,

(a) that is normally unheated;

(b) where the necessity of opening doors makes the heating of the area to the temperature specified in clause (1) (b) impracticable;

(c) where perishable goods requiring lower temperatures are processed or stored;

(d) where radiant heating is such that a worker working in the area has the degree of comfort that would result were the area heated to the temperature specified in clause (1) (b);

(e) where the process or activity is such that the temperature specified in clause (1) (b) could cause discomfort; or

(f) during the first hour of the main operating shift where process heat provides a substantial portion of building heat. O. Reg. 658/79, s. 133.

134. A worker who may be exposed to a biological, chemical or physical agent that may endanger his safety or health shall be trained,

(a) to use the precautions and procedures to be followed in the handling, use and storage of the agent;

(b) in the proper use and care of required personal protective equipment; and

(c) in the proper use of emergency measures and procedures. O. Reg. 658/79, s. 134.

135. No food, drink or tobacco shall be taken into, left or consumed in any room, area or place where any substance that is poisonous by ingestion is exposed. O. Reg. 658/79, s. 135.

136.—(1) Subject to subsections (3), (4) and (5), toilets and washbasins shall be provided in accordance with the following Table in rooms that shall have,

(a) walls, partitions, doors and approaches that afford a reasonable privacy to the person using the toilet;

(b) hot and cold water for the washbasins;

(c) ventilation to the outdoors capable of providing ten changes of air per hour;

(d) reasonable personal hygiene supplies and equipment; and

(e) where separate rooms are provided for each sex, a legible sign indicating the sex by which it is to be used.

TABLE

Number of Workers	Number of Facilities	
	Toilets	Washbasins
1 to 9	1	1
10 to 24	2	2
25 to 49	3	3
50 to 74	4	4
75 to 100	5	5
Add one toilet and one washbasin for each additional thirty workers or fraction thereof		

(2) In calculating the number of toilets and wash-basins required in the Table in subsection (1), the number of workers in the Table in subsection (1) shall be that number of workers who are normally present on the premises for more than 25 per cent of their working day.

(3) Urinals may be substituted for one-half of the required number of toilets for males and for this purpose each 0.6 metre of straight trough urinal may be counted as one urinal.

(4) For the purpose of this section, each fifty centimetres of circumference of a circular wash fountain or length of straight trough washbasin may be counted as one washbasin.

(5) Subsection (1) does not apply to logging, except in logging camps. O. Reg. 658/79, s. 136.

**137.**—(1) Subject to subsection (2) and to the regulations made under the Act respecting designated substances, or an order by a Director under section 20 of the Act, potable drinking water shall be provided,

(a) from,

(i) a fountain with an upward jet, or

(ii) a tap from a piped water supply or a covered vessel, together with a supply of single-use cups in a sanitary container located near the tap;

(b) on every floor where work is regularly performed; and

(c) within 100 metres of any area where work is regularly performed.

(2) Subsection (1) does not apply to logging, except in logging camps. O. Reg. 658/79, s. 137.

**138.**—(1) Except for emergency facilities, hot and cold water shall be provided at each shower.

(2) Hot water required under clause 136 (1) (b) and subsection (1) of this section shall not,

(a) be less than 30°Celsius;

(b) exceed 60°Celsius; or

(c) be directly mixed with steam. O. Reg. 658/79, s. 138.

**139.** Where workers are exposed to a substance that,

(a) is poisonous by ingestion; and

(b) can contaminate the skin,

shower rooms and individual lockers for street and work clothes shall be provided. O. Reg. 658/79, s. 139.

**140.** Where ten or more workers are employed, a room or other space shall be provided,

(a) affording reasonable privacy; and

(b) equipped with one or more cots and chairs, unless such facilities are provided at a first-aid station. O. Reg. 658/79, s. 140.

**141.** A place suitable for eating purposes shall be provided where,

(a) thirty-five or more workers are employed; or

(b) there is any room, area or place in which there is exposure to a substance that is poisonous by ingestion. O. Reg. 658/79, s. 141.

**142.** Protective clothing or other safety device that has been worn next to the skin shall be cleaned and disinfected prior to being worn by another worker. O. Reg. 658/79, s. 142.

**143.**—(1) Where a worker is likely to be exposed to an atmosphere at atmospheric pressure with an oxygen content of less than 18 per cent, the worker shall be protected by mechanical ventilation so that the worker's safety and health is not endangered.

(2) Where the measures prescribed by subsection (1) are not practicable, the worker shall be protected by air supplied breathing equipment so that the worker's safety and health is not endangered. O. Reg. 658/79, s. 143.

**144.**—(1) In this section, "decibel" means decibel measured on a type 2 sound level meter conforming to the standard Z107.1 of the Canadian Standards Association operating on the A-weighting network with slow meter response.

(2) Where a worker is exposed to a sound level of ninety decibels or greater,

(a) measures shall be taken to reduce the sound level below ninety decibels; and

(b) where such measures are not practicable,

(i) the duration of exposure set out in Column 2 of the Table in subsection 5 shall not exceed the duration shown for the particular sound level set opposite thereto in Column 1 of the Table in subsection (5), or

(ii) the person shall wear hearing protection.

(3) Where a worker is exposed to a sound level of 115 decibels or greater, he shall wear hearing protection.

(4) Clearly visible warning signs shall be posted at the approaches to an area where the sound level is more than ninety decibels.

(5) The warning signs referred to in subsection (4) shall state,

- (a) the daily exposure for the particular sound level permitted by the following Table; and
- (b) that hearing protection must be worn when the daily exposure is more than that permitted for the particular sound level.

TABLE

COLUMN 1	COLUMN 2
Sound Level — in Decibels	Duration — Hours per 24 hour Day
90	8
92	6
95	4
97	3
100	2
102	1½
105	1
110	½
115	¼ or less
Over 115	No exposure

(6) Where hearing protection is required by this section, the protection shall be sufficient to reduce the sound level below the sound level in Column 1 of the Table in subsection (5) for the exposure corresponding to that sound level in Column 2 of the Table in subsection (5). O. Reg. 658/79, s. 144.

145. All measures necessary to prevent exposure to any toxic substance by inhalation, ingestion or skin contact shall be taken and without limiting the generality of the foregoing, where any toxic substance is used or produced,

- (a) the substance shall be isolated;
- (b) adequate ventilation shall be provided;
- (c) personal protective clothing or equipment shall be worn or used;
- (d) quick-acting deluge showers shall be provided; or
- (e) eye-wash fountains shall be provided.

O. Reg. 658/79, s. 145.

Form 1

Occupational Health and Safety Act

APPLICATION FOR FILING OF DRAWINGS

Under the Act and regulations the undersigned, as owner ☐ or employer ☐ applies for the filing of the drawings submitted herewith in triplicate, for the construction ☐, development ☐, reconstruction ☐, alteration ☐, addition ☐ or installation ☐ of,

(a) a factory ☐, shop ☐, office ☐, office building ☐ or other (describe) .....; ;

(b) a system for local exhaust ☐, general ventilation ☐, air supply ☐, the heating of air that is being supplied ☐, or other (describe) ..... in a foundry ☐, or other place ☐;

(c) equipment, machinery or device used in the processing of toxic or designated substances or agents.

1. The owner of the industrial establishment is \_\_\_\_\_
- (name of owner) (postal address of owner)
2. The industrial establishment is located at \_\_\_\_\_
- (number, street or road and city, town, village or township)
3. The method of heating the industrial establishment will be by: \_\_\_\_\_
- steam ☐, hot water ☐, warm air ☐, radiant units ☐ or other (describe)
4. The following sprinklers, extinguishers, hoses and other fire protection equipment will be provided: \_\_\_\_\_
5. Fans for handling of gases, vapours, fumes or dusts will be provided as follows: \_\_\_\_\_

HEATING EQUIPMENT		THE SOURCE OF HEAT WILL BE		FIRE PROTECTION EQUIPMENT		GENERAL VENTILATION		LOCAL VENTILATION	
Floor Mounted <input type="checkbox"/>		Coal <input type="checkbox"/>		Sprinklers ..... Yes <input type="checkbox"/> No <input type="checkbox"/>		Name of Area to be Ventilated		Name of Operation to be Ventilated	
Ceiling Hung <input type="checkbox"/>		Electricity <input type="checkbox"/>		Standpipe and Hose ..... Yes <input type="checkbox"/> No <input type="checkbox"/>					
Other (describe)		Gas <input type="checkbox"/>		Suitable Portable Extinguishers By Owner ..... Yes <input type="checkbox"/> No <input type="checkbox"/>					
Is there a Vent or Stack to Outdoors?		Oil <input type="checkbox"/>		By each Employer ..... Yes <input type="checkbox"/> No <input type="checkbox"/>					
Yes <input type="checkbox"/> No <input type="checkbox"/>		Other (describe) .....		Other (describe) .....					

6. Information in respect of each employer occupying, or proposing to occupy, a part, or all, of the industrial establishment is as follows: (Use separate sheet if necessary and attach)

AREA OR FLOOR	BUSINESS NAME OF EACH EMPLOYER	DESCRIPTION OF PROCESS OR OPERATION	DESIGN LIVE LOAD (See Note 1)		DANGEROUS MATERIALS (See Note 2)		
			MAXIMUM NUMBER OF PERSONS IN THE AREA AT ANY TIME	Material	Maximum Quantity in each area on Floor	Used in any period of Time	
			Roof	Floor		Stored at any Time	

7. The drawings were prepared by \_\_\_\_\_  
(name of architect, engineer, owner, contractor, employer)  
whose postal address is \_\_\_\_\_

8. The undersigned estimates that the cost of the proposed: (a) construction, development, reconstruction or alteration or addition of the building;  
(b) installation or alteration of equipment, machinery or device designated by the regu-

lations, will be \$ \_\_\_\_\_  
(See Note 3)

\_\_\_\_\_

(Name of owner or employer)

Dated the \_\_\_\_\_ of \_\_\_\_\_ 19\_\_\_\_ By \_\_\_\_\_  
(business name of applicant) (postal address of applicant) (Signature) (official capacity)

Telephone No. \_\_\_\_\_

NOTE 1: The ground floor is considered to be the first floor.

NOTE 2: "Dangerous material" means any material dangerous to safety or health of persons such as toxic or designated substances or agents, any explosive or flammable substance, any source of ionizing radiation, any storage tank for compressed gases or flammable liquids within 15 metres of the construction, and shall be described on a separate sheet attached to this application.

NOTE 3: Building cost does not include land purchase, landscaping, roads, railway sidings, water mains, sewers and other services outside exterior walls of the building.

NOTE 4: deliver or mail this form with all applicable blanks filled in (type or print), together with the drawings in triplicate and fee to the Industrial Health and Safety Branch, Ministry of Labour. O. Reg. 658/79, Form 1.

Form 2

*Occupational Health and Safety Act*

NOTICE

TAKE NOTICE that this .....  
(specify the "place", "matter"

.....  
or "thing", as the case may be)

is a danger or hazard to the safety of workers employed  
in or having access to these premises and the use  
thereof shall be discontinued immediately until the

inspector's order of .....  
(date)

to .....  
(name of employer or owner)

.....  
(address of employer or owner)

has been complied with.

No person, except an inspector, shall remove this notice  
unless authorized by an inspector.

Dated the .....day of ....., 19....

.....  
(signature of inspector)

O. Reg. 658/79, Form 2.

## REGULATION 693

under the Occupational Health and Safety Act

### INVENTORY OF AGENTS OR COMBINATIONS OF AGENTS FOR THE PURPOSE OF SECTION 21 OF THE ACT

1. The Ministry of Labour hereby adopts, as an inventory of agents or combinations of agents that are not new biological or chemical agents or combinations of such agents for the purpose of section 21 of the Act, the Chemical Substances Initial Inventory including the User Guides and Indices and Trademarks and Product Names reported in conjunction therewith of May, 1979, together with the Cumulative Supplement to the Initial Inventory of June, 1980, published by the Administrator of the Environmental Protection Agency of the United States of America under *The Toxic Substances Control Act* (P.L. 94-469). O. Reg. 1083/80, s. 1.

2. Inquiries concerning Inventory and Cumulative Supplement may be addressed to:

Inventory of Agents,  
Standards and Programs Branch,  
Ministry of Labour,  
400 University Avenue,  
Toronto, Ontario.  
M7A 1T7

O. Reg. 1083/80, s. 2.



## REGULATION 694

### under the Occupational Health and Safety Act

#### MINES AND MINING PLANTS

##### INTERPRETATION

#### 1. In this Regulation,

1. "authorized" means authorized to do a specific task by a supervisor who is in charge of the work place;
2. "automatic hoist" means a mine hoist that can be operated by controls situated at shaft stations or on the shaft conveyance;
3. "breaking strength" means the breaking strength of a shaft rope as determined by a cable testing laboratory approved by the Minister;
4. "bulkhead" means a structure for the impoundment of water or compressed air in an underground opening and constructed so as to completely close off the opening;
5. "charge" means,
  - i. an explosive and a detonator, or
  - ii. an explosive, a detonator and primer that is exploded as a single unit;
6. "CSA Standard" means a standard published by the Canadian Standards Association;
7. "dam" means a structure for the impoundment of more than twenty-five tonnes of water in an underground opening and constructed so as to permit an unobstructed overflow of the water;
8. "destructive test" means a test on a sample of shaft rope wherein the shaft rope is broken during the test by a tensile testing machine;
9. "detonator" means a device used in firing a charge of explosive and includes blasting cap and electric blasting cap;
10. "Director" means the Director of the Mining Health and Safety Branch of the Ministry of Labour;
11. "drum hoist" means a hoist where the rope is wound on a drum or drums;
12. "electrical mobile equipment" means equipment which during its operating cycle is required to move along the ground while energized and which receives its current through a trailing cable;
13. "electromagnetic device" means a device using an electromagnetic system for examining a shaft rope;
14. "explosive" means a substance that is made, manufactured or used to produce an explosion or detonation and includes gunpowder, propellant powder, dynamite, detonating cord, blasting agent, slurry, water gel and detonator;
15. "factor of safety" means the number of times the breaking strength of a shaft rope exceeds the weight it supports at a specified location on the rope;
16. "fire-extinguishing equipment" means a fire hose, an extinguisher or other similar equipment used to fight a fire;
17. "fire hazard area" means,
  - i. an area where a fire hazard may be created by smoking, matches or other means of producing heat or fire and which has been designated as such by the supervisor in charge of the mine, or
  - ii. a storage area where oil, grease or flammable liquids are stored in excess of 500 litres;
18. "fire-resistance rating" means the rating in hours or fraction thereof that a material or assembly of materials will withstand the passage of flame and the transmission of heat when exposed to fire, as established for the material or assembly of materials under the *Building Code Act*;
19. "fire suppression system" means an installation for the specific purpose of controlling a fire in a particular place;
20. "friction hoist" means a hoist where the driving force between the drum and rope or ropes supporting the shaft conveyance is obtained through friction;
21. "hoist" means a drum or friction hoist used for transporting persons or materials in an underground mine;
22. "licensed magazine" means a magazine for which a licence issued under section 118 or 119 is subsisting;

23. "lifting device" means a permanently installed system for the purpose of raising, lowering or swinging materials, which includes its rails and supports but does not include a crane, elevator, mine hoist, utility hoist or tugger hoist;
24. "locomotive" means a unit propelled by any form of energy or a combination of such units operated from a single control running only on rails of a standard gauge railroad and used for moving standard gauge railroad cars but does not include a self-propelled track crane, motorized equipment used for the maintenance of a standard gauge railroad, a motor vehicle equipped with rail wheels in addition to rubber-tired wheels or other similar equipment;
25. "magazine" means a building, place or structure in which an explosive is kept or stored and includes a detonator storage building, or place, but does not include a storage container being used in an underground mine containing less than 160 kilograms of explosive;
26. "mine hoisting plant" means a hoist for an underground mine and includes the prime mover, transmission equipment, head-frame, sheaves, ropes, shaft, shaft conveyances, shaft sinking equipment, shaft furnishings, hoist controls, counterweight, signalling and communications equipment and any other equipment used in connection with a hoist;
27. "motor vehicle" means a vehicle propelled by other than muscular power, including an automobile, a caterpillar-tracked vehicle, a truck, a tractor and a motor vehicle running on rails but does not include a locomotive;
28. "non-combustible" means material or an assembly of materials that conforms to CSA Standard B54.1-1972, "Determination of Noncombustibility in Building Materials", as revised to the 1st day of May, 1975;
29. "nondestructive test" means the examination of a part without subjecting it to physical distortion, damage or destruction;
30. "prime mover" means an engine or other device that provides an initial source of motive power;
31. "primer" means a small charge placed within the main charge to initiate an explosion;
32. "production crane" means an electrically operated device that travels on fixed overhead track or tracks, and
  - i. is used to handle hot or molten materials, or
  - ii. has a duty rating equal to or greater than Class C or D as determined under Part 3.4 of CSA Standard B167-1964, "General Purpose Electric Overhead Travelling Cranes";
33. "professional engineer" means a person who is registered as a professional engineer or licensed as a professional engineer under the *Professional Engineers Act*;
34. "railroad" means a standard gauge railroad at a mine or mining plant;
35. "service crane" means an electrically operated device that travels on fixed overhead track or tracks and has a duty rating equal to or less than Class A or B as determined under Part 3.4 of CSA Standard B167-1964, "General Purpose Electric Overhead Travelling Cranes";
36. "shaft conveyance" means a conveyance raised or lowered by a mine hoist in a shaft and includes a bucket, a single or multi-deck cage, a skip or a combination of skip and cage;
37. "shaft rope" means a hoisting, tail, balance, guide or rubbing rope;
38. "shot" means the sound of a charge or charges being exploded;
39. "standard gauge" means that the space between the rails of a railroad is approximately 1,435 millimetres;
40. "surface mine" means a pit or quarry where metallic or non-metallic rock, mineral bearing substance, earth, clay, sand or gravel is being or has been removed by means of an excavation open to the surface to supply material for construction, industrial or manufacturing purposes but does not include a cutting for a right of way for a highway or a railroad;
41. "train",
  - i. except in Parts V and VI, means one or more locomotives without railroad cars or coupled with railroad cars, and
  - ii. in Parts V and VI, means one or more motor vehicles running on rails without cars or coupled with cars;
42. "transmission equipment" means any object or objects by which the motion of a prime mover is transmitted to a machine that is capable of utilizing such motion and includes a shaft, pulley, belt, chain, gear, clutch or other device;
43. "underground mine" means a mine that is not a surface mine;

44. "vehicle" includes a locomotive, railroad cars, motor vehicle, trailer or any vehicle propelled, drawn or driven by any kind of power. O. Reg. 660/79, s. 1.

PART I  
GENERAL

2.—(1) Subject to subsection (2), this Regulation applies to all mines and mining plants and to mining development.

(2) Regulation 691 of Revised Regulations of Ontario, 1980 applies,

- (a) during the construction of a mining plant on the surface; and
- (b) to construction at the surface of a mine for the purpose of developing the mine. O. Reg. 660/79, s. 2.

3. In applying this Regulation the composition, design, size or arrangement of any material, object, device or thing may vary from the composition, design, size or arrangement prescribed if the variation affords protection for the health or safety of workers equal to or greater than that prescribed by this Regulation and written notice of the variation is given to the joint health and safety committee and trade union, if any. O. Reg. 660/79, s. 3.

4. Notices shall be posted in conspicuous places at each mine or mining plant, setting out the name, business address and business telephone number of,

- (a) the inspector for the district in which the mine or mining plant is located;
- (b) the person in charge of the mine or mining plant;
- (c) the employer of workers at the mine or mining plant; and
- (d) the owner of the mine or mining plant. O. Reg. 660/79, s. 4.

5.—(1) Before proceeding with,

- (a) the development or construction of a mine or a mining plant;
- (b) the introduction of new process technology;
- (c) the major alteration of mining technique or mining technology;
- (d) the use of new methods of construction or of equipment installation;
- (e) the making of a major addition or alteration;
- (f) the design of a system and procedure for the transfer of fuel by gravity from the surface to an underground fuelling station;
- (g) the construction of a bulkhead or dam; or

- (h) the construction of a tailings dam or any surface structure for the impoundment of tailings,

the owner of a mine or mining plant shall give to the Director notice thereof and furnish the Director with those drawings, plans and specifications required for review by an engineer of the Ministry.

(2) A copy of the notice and a statement in writing of the proposed development, construction, introduction, alteration or use shall be given to the joint health and safety committee or health and safety representative, if any, at the time that notice is given to the Director.

(3) The Director shall be notified by the owner of the mine,

- (a) on completion of the installation of a bulkhead; and
- (b) on the breaking or removal of a bulkhead. O. Reg. 660/79, s. 5.

6. A tailings dam or any other surface structure for the impoundment of tailings shall be,

- (a) designed in accordance with good engineering practice by a professional engineer;
- (b) constructed in accordance with the design; and
- (c) maintained so that the structure provides stability against any static and dynamic loading to which it may be subjected. O. Reg. 660/79, s. 6.

7.—(1) Subject to subsection (2), the minimum age of,

- (a) a worker; or
- (b) a person who is permitted to be in or about a mine or mining plant,

shall be,

- (c) sixteen years of age at a mining plant or a surface mine, excluding the working face; and
- (d) eighteen years of age at an underground mine or at the working face of a surface mine.

(2) Subsection (1) does not apply to prohibit tours of, or visits to, a mine or mining plant by persons under the prescribed ages who are accompanied by and under the direction of a guide. O. Reg. 660/79, s. 7.

8.—(1) No worker shall be scheduled to remain in an underground mine for more than eight hours in any consecutive twenty-four hours, measured from the time he enters an underground mine until the time he leaves the underground mine.

(2) Notwithstanding subsection (1), a worker may remain underground in a mine,

- (a) when an emergency causes an extension of the time;
- (b) for more than eight hours in any consecutive twenty-four hours on one day of a week but only for the purpose of changing shift or for the purpose of avoiding work on Sunday or on a holiday; or
- (c) if the worker is a supervisor, pumpman, cagetender, or is a person engaged solely in surveying or measuring or in emergency repair work necessary to permit production.

(3) A worker shall not be permitted to operate a mine hoist for more than eight hours in any consecutive twenty-four hours, except in a case provided for in clause (2) (a) or (b) or in subsection (4), but,

- (a) where no competent substitute is available, the worker may work extra time not exceeding four hours in any consecutive twenty-four hours for a period not exceeding fourteen calendar days in any four week period; or
- (b) where the work is not carried out continuously on three shifts per day, the worker may work such extra time as is necessary for lowering or hoisting the workers employed on the shift, at the beginning and end of their shift.

(4) An employer at an underground mine may, with the approval of the Director and the consent of the trade union or trade unions representing the workers or the workers if there is no trade union, schedule hours of work in excess of eight hours in any twenty-four hours because of the remoteness of or the difficulty of access to the mine. O. Reg. 660/79, s. 8.

9. A supervisor, deckman, shaft conveyance attendant or mine hoist operator shall be capable of communicating effectively in the English language. O. Reg. 660/79, s. 9.

10.—(1) Training programs shall be established and maintained by every owner operating an underground hard rock mine or mines in,

- (a) The Common Core Basic Underground Hard Rock Mining Skills; and
- (b) Specialized Underground Hard Rock Mining Skills,

as developed by the Ministry of Colleges and Universities and endorsed by the Ministry of Labour

(2) Each new regular underground hard rock worker employed in Ontario on or after the 1st day of October, 1979 and not previously so employed in Ontario, shall be trained during his employment at an underground hard rock mine in accordance with the "Common Core Basic Underground Hard Rock Mining Skills" for accreditation therein.

(3) In order to receive accreditation, a worker mentioned in subsection (2) shall demonstrate skill levels in,

- (a) general inspection;
- (b) scaling;
- (c) staging;
- (d) drilling;
- (e) rockbolting;
- (f) blasting; and
- (g) mucking, any one of,
  - (i) slusher operation,
  - (ii) mucking machine operation, or
  - (iii) load-haul—dump equipment operation.

(4) A worker's accreditation shall be recorded in the worker's qualification book and such record book shall be the property of the worker and shall be conclusive evidence of his accreditation.

(5) A worker who has demonstrated his proficiency in prescribed specialized underground hard rock mining skills by a performance demonstration as developed by the Ministry of Colleges and Universities and endorsed by the Ministry of Labour, shall receive a certificate of qualification therefor from the Ministry of Colleges and Universities. O. Reg. 660/79, s. 10.

11.—(1) Every worker who is exposed to the hazard of head injury or foot injury in an underground mine shall wear a protective hat and protective footwear approved by the Ministry.

(2) An employer shall require a worker to wear or use such personal protective equipment, clothing and devices as are necessary to protect the worker from the particular hazard to which the worker may be exposed.

(3) Every worker shall be properly fitted with personal protective clothing or equipment by a competent person or persons.

(4) Loose clothing, adornments and hair shall be suitably confined to prevent entanglement with any machinery, device or thing in a work place. O. Reg. 660/79, s. 11.

12.—(1) Where, in an emergency, the health or safety of a worker is likely to be endangered by lack of oxygen or the presence of a noxious gas, fume or dust,

- (a) emergency breathing equipment and resuscitating equipment shall be provided for use in such emergency; and
- (b) a worker trained in the use of the breathing equipment and the resuscitating equipment required by clause (a) shall be conveniently available on each shift.

(2) The emergency breathing equipment and the resuscitating equipment required by clause (1) (a) shall each be stored in a dust-proof container. O. Reg. 660/79, s. 12.

13.—(1) Where a worker is exposed to the hazard of falling more than three metres, a fall arrest system shall be used to protect the worker.

(2) The fall arrest system required by subsection (1) shall consist of a suitable combination of a belt, a full body harness, a lanyard, an anchor and a rope-grabbing device or lifeline.

(3) The belt, full body harness, lanyard and lifeline shall,

(a) be made of material with elastic properties capable of absorbing and minimizing the arrest force in case of a fall;

(b) be designed to distribute a fall arrest force in such a manner that the possibility of injury to the worker is minimized;

(c) be of sufficient strength to absorb twice the energy that may be transmitted to the fall arrest system; and

(d) not be knotted or allowed to become knotted, when used or worn.

(4) When being used and worn against the hazard of falling, the lifeline of the fall arrest system shall be,

(a) anchored so that a worker will fall free of arrest not more than one metre; and

(b) connected to an object that is,

(i) capable of resisting the arrest force in case of a fall, and

(ii) free of sharp edges. O. Reg. 660/79, s. 13.

14.—(1) No person under the influence of, or carrying, intoxicating liquor, shall enter or knowingly be permitted to enter a mine or mining plant.

(2) Subject to subsection (3), no person under the influence of, or carrying, a drug or narcotic substance shall enter or knowingly be permitted to enter a mine or mining plant.

(3) A person required to use a prescription drug and able to perform his work may enter a mine or mining plant upon establishing medical proof thereof. O. Reg. 660/79, s. 14.

15.—(1) A worker assigned by a supervisor to work alone in an underground mine shall,

(a) be a competent person; and

(b) subject to subsection (2), be visited at his particular work place by a supervisor or competent person at least three times during the worker's shift.

(2) Clause (1) (b) does not apply where,

(a) the work conditions are standard;

(b) a means of communications with the worker is provided and the worker reports to a supervisor or a worker designated by a supervisor not less often than once every two hours;

(c) a record of the reports of the worker is kept; and

(d) the worker assigned by a supervisor to work alone in the underground mine is visited at his particular work place by a supervisor at least once during the worker's shift. O. Reg. 660/79, s. 15.

16.—(1) Mine rescue stations may be established, equipped, operated and maintained in such locations as the Minister considers advisable.

(2) The cost of establishing, equipping, operating and maintaining the mine rescue stations shall be paid out of the Consolidated Revenue Fund in the first instance and shall be reimbursed quarterly by the Workmen's Compensation Board from moneys assessed and levied by the Board upon employers in the mining industry to defray the cost certified by the Deputy Minister.

(3) Moneys received from the sale or disposal of any equipment, buildings or machinery used in mine rescue or any handbooks or publications on mine rescue shall be credited against the cost of mine rescue stations.

(4) A mine rescue station and the training of members of a mine rescue crew shall be under the direction of a mine rescue officer appointed by the Ministry.

(5) A mine rescue crew member shall possess such physical qualifications, and establish competency in mine rescue skills as described in the Handbook of Training in Mine Rescue and Recovery Operations, current edition, issued by the Ministry.

(6) The owner of a mine shall make available training facilities and workers to be taught and trained in mine rescue work at the expense of the owner.

(7) A mine rescue operation at a mine shall be under the direction of the supervisor in charge of the mine and the costs of the rescue operation shall be at the expense of the owner of the mine.

(8) Notice shall be given immediately to a mine rescue officer and to an engineer of the Ministry when the services of a mine rescue crew are required. O. Reg. 660/79, s. 16.

17.—(1) Surface mines and openings on the surface to underground mines shall be protected to prevent inadvertent access where,

- (a) the surface mine or opening is a hazard by reason of its depth;
- (b) approaches and openings are not readily visible; or
- (c) the hazard caused by the surface mine or opening is greater than the hazard caused by the natural topographical features of the area.

(2) Prior to operations at a mine being terminated, a shaft or raise opening shall be,

- (a) capped with a stopping of reinforced concrete; or
- (b) filled and kept filled with material so that any subsidence of the material will not endanger any person. O. Reg. 660/79, s. 17 (1, 2).

(3) The stopping prescribed in clause (2) (a) shall be,

- (a) secured to solid rock or to a concrete collar secured to solid rock; and
- (b) capable of supporting a uniformly distributed load of twelve kilopascals or a concentrated load of fifty-four kilonewtons, whichever is greater. O. Reg. 660/79, s. 17 (3); O. Reg. 846/79, s. 1.

(4) Where an underground mine is being developed after the 1st day of October, 1979, shafts or raise openings shall be provided with a collar of concrete secured to bedrock. O. Reg. 660/79, s. 17 (4).

18.—(1) Subject to subsection (2), a pillar sixty metres thick shall be established on either side of a party boundary between adjoining underground mining properties. O. Reg. 846/79, s. 2.

(2) Except for exploration headings and diamond drilling, before the pillar is mined, drawings, plans,

specifications, mining methods and procedures for the mining of the pillar shall be prepared by a professional engineer in accordance with good engineering practice and filed with the Director and the owner or owners of adjoining mining properties.

(3) The drawings, plans, specifications, mining methods and procedures to be filed shall be maintained and kept up to date in accordance with subsection 18 (2) of the Act.

(4) The pillar dimensions and mining methods and procedures shall,

- (a) provide ground support to control rockbursting, ground falls or pillar failures; and
- (b) withstand inrush of water or waterbearing materials across the party boundary.

(5) In the absence of agreement by the owners of adjoining mining properties to the mining of a pillar, the Director may upon the application of an owner and subject to the provisions of subsections (2), (3) and (4) permit the mining of a pillar. O. Reg. 660/79, s. 18 (2-5).

19.—(1) A cable testing laboratory or laboratories may be approved by the Minister for the purpose of testing or examining shaft ropes or other hoisting appliances.

(2) The fee for testing at a laboratory a rope of the type set out in column 1 of the Table and the size set out in column 2 of the Table is the amount set out opposite thereto,

- (a) in column 3 of the Table for a rope tested for a mine in Ontario; or
- (b) in column 4 of the Table for a rope tested for a mine outside Ontario or for the manufacturer of the rope.

(3) The fee for testing at a laboratory a rope that is not of a type set out in column 1 of the Table or a size set out in column 2 of the Table shall be determined by the Director and shall be in as near a relationship as practicable to the fees set out in the following Table:

TABLE

Column 1	Column 2	Column 3	Column 4
Type	Diameter in Millimetres	Fee	Fee
Round or flattened strand	To and including 22.2	\$ 90.00	\$ 100.00
	Over 22.2 to and including 34.9	140.00	155.00
	Over 34.9 to and including 50.8	230.00	250.00
	Over 50.8 to and including 57.2	275.00	305.00
	Over 57.2 to and including 63.5	530.00	585.00
	Over 63.5 to and including 76.2	990.00	1,065.00
	Over 76.2 to and including 88.9	1,445.00	1,595.00
Lock Coil	To and including 22.2	\$ 110.00	\$ 120.00
	Over 22.2 to and including 34.9	180.00	200.00
	Over 34.9 to and including 44.4	275.00	305.00
	Over 44.4 to and including 63.5	760.00	835.00

(4) For the purposes of the Table in subsection (3), the diameter in millimetres set out in column 1 of the following Table shall be deemed to be equivalent to the diameter in inches set out opposite thereto in column 2:

TABLE

Column 1	Column 2
Diameter in Millimetres	Diameter in Inches
22.2	$\frac{7}{8}$
34.9	$1\frac{3}{8}$
44.4	$1\frac{3}{4}$
50.8	2
57.2	$2\frac{1}{4}$
63.5	$2\frac{1}{2}$
76.2	3
88.9	$3\frac{1}{2}$

(5) A cable testing laboratory shall issue a Certificate of Test for each sample of shaft rope submitted to it for testing, setting out the breaking strength of the rope, and the breaking strength, as set out in the Certificate of Test, shall be the breaking strength of the rope from which the sample was taken. O. Reg. 660/79, s. 19.

20.—(1) The written report required by section 25 of the Act shall include,

- (a) the name and address of the employer;
- (b) the nature and the circumstances of the occurrence and the bodily injury sustained;
- (c) a description of the machinery or equipment involved;
- (d) the time and place of the occurrence;
- (e) the name and address of the person who was killed or critically injured;
- (f) the names and addresses of all witnesses to the occurrence and of all supervisors and workers who were involved; and
- (g) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury. O. Reg. 660/79, s. 20 (1); O. Reg. 846/79, s. 3.

(2) For the purposes of section 26 of the Act, notice of,

- (a) an accident, explosion or fire which disables a worker from performing his usual work; or
- (b) an occupational illness,

shall include,

- (c) the name, address and type of business of the employer;

(d) the nature and the circumstances of the occurrence and the bodily injury or illness sustained;

(e) a description of the machinery or equipment involved;

(f) the time and place of the occurrence;

(g) the name and address of the person suffering the injury or illness;

(h) the names and addresses of all witnesses to the occurrence;

(i) the name and address of the physician or surgeon, if any, by whom the person was or is being attended for the injury or illness; and

(j) the steps taken to prevent a recurrence.

(3) A record of an accident, explosion or fire causing injury requiring medical attention but not disabling a worker from performing his usual work shall be kept in the permanent records of the employer and include particulars of,

(a) the nature and the circumstances of the occurrence and the injury sustained;

(b) the time and place of the occurrence; and

(c) the name and address of the injured person.

(4) A record kept as prescribed by subsection (3) for the inspection of an inspector shall be notice to the Director.

(5) In addition to the occurrences referred to in section 27 of the Act, a notice in writing shall be given where,

(a) a failure occurs in or to a hoist, sheave, hoisting rope, shaft conveyance, shaft timbering or shaft lining;

(b) flammable gas is present in a work place in an underground mine;

(c) spontaneous heating with evolution of gas occurs in a work place;

(d) a major failure or major damage occurs or is caused to electrical equipment, standard gauge railway equipment, a crane or a motor vehicle underground;

(e) a rockburst occurs causing damage to equipment or the displacement of more than 4,500 kilograms of material;

(f) a fuse, a detonator or an explosive is found to be defective; or

- (g) a structural failure occurs in any matter or thing for which a design by a professional engineer is prescribed by this Regulation. O. Reg. 660/79, s. 20 (2-5).

21.—(1) For the purpose of subsection 18 (2) of the Act, drawings, plans and specifications to be kept and maintained shall be,

- (a) a surface plan showing,
  - (i) the boundaries of a mining property,
  - (ii) the co-ordinates of the section of a mining property under which mining has been done,
  - (iii) all lakes, streams, roads, railways, electric power transmission lines, main pipe lines, buildings, adits, surface workings, diamond drill holes, outcroppings of rock, dumps, tailing-disposal sites and openings to an underground mine, and
  - (iv) stopping of openings on the surface to an underground mine;
- (b) plans on a horizontal plane with separate drawings for each level showing all underground workings, including shafts, tunnels, diamond drill holes, dams and bulkheads;
- (c) plans on a vertical plane of all mine sections at suitable intervals and azimuths, showing all shafts, tunnels, drifts, stopes and other mine workings in relation to the surface, including the location of the top of the bedrock, the surface of the overburden and the bottom and surface of any known watercourse or body of water; and

(d) a plan or diagram showing,

- (i) the position of all fixed electrical apparatus and communication systems in the mine,
- (ii) the routes of all fixed power feeders and fixed branch feeders properly noted and referenced, and
- (iii) the rating of all electrical feeder control apparatus and equipment.

(2) The surface plan prescribed in clause (1) (a) shall be geographically located, with at least third order control accuracy, by connection with the Cadastral Survey, where one exists in the immediate area of the mine and with a legal survey monument tied in to a Coordinate Control Survey and with a permanent bench mark of the North American Elevation Datum if such are available within ten kilometres.

(3) Where operation at a mine is terminated or suspended, copies of the plans mentioned in subsection (1) shall be filed with the Ministry.

(4) Copies of all plans shall be on a legible scale and suitable for microfilming. O. Reg. 660/79, s. 21.

22.—(1) Where a mine or mining plant has been shut down for more than three months, written notice shall be given to an inspector prior to the resumption of operations. O. Reg. 846/79, s. 4.

(2) Subject to subsection (4), where a decision is made to discontinue or suspend operations at a mine or mining plant, notice shall be given forthwith to an inspector.

(3) Where operations at a mine or mining plant are discontinued or suspended, the notice mentioned in subsection (2) shall advise whether,

- (a) stopping and protection has been done as prescribed in section 17;
- (b) explosives have been disposed of as prescribed in subsection 117 (5);
- (c) removal and disposition of hoisting ropes has been done as prescribed in subsection 220 (17);
- (d) disconnection from the electrical power source has been done; and
- (e) plans required by section 21 have been filed with the Ministry.

(4) Subsections (2) and (3) do not apply to gravel pit operations that are discontinued during the winter months. O. Reg. 660/79, s. 22 (2-4).

## PART II

### FIRE PROTECTION

23.—(1) Procedures in case of a fire in an underground mine, or in a structure or building on the surface at an underground mine, that may be a hazard to workers in the mine shall be prepared by the supervisor in charge of the mine.

(2) An alarm system, that is effective to warn workers in an underground mine of a fire that is likely to endanger their safety, shall be provided.

(3) The procedures required by subsection (1), or extracts therefrom, and a notice explaining the alarm system shall be set out in writing and shall be posted and kept posted in the shaft house and in a conspicuous place or places where they are most likely to come to the attention of a worker.

(4) Every worker shall be advised by a supervisor of the procedures and the alarm system.

(5) Once in at least every twelve months during each production shift a fire alarm test of the procedures shall be conducted.

- (6) The alarm system in an underground mine shall,
- (a) consist of the introduction into all work places of sufficient quantities of ethyl mercaptan gas or similar gas to be readily detectable by all workers; and
  - (b) be kept ready for immediate use.
- (7) Where the use of ethyl mercaptan or similar gas is not practical as an alarm system, an alternative means of alarm shall be provided.
- (8) A report of each fire alarm test of the procedures mentioned in subsection (5) shall be sent to an engineer of the Ministry. O. Reg. 660/79, s. 23.

24. Where the procedure in case of a fire in an underground mine provides for the use of a refuge station for workers, the refuge station shall,

- (a) be constructed with materials having at least a one hour fire-resistance rating;
- (b) be of sufficient size to accommodate the workers to be assembled therein;
- (c) be capable of being sealed to prevent the entry of gases;
- (d) have a means of voice communication with the surface; and
- (e) be equipped with a means for the supply of,
  - (i) compressed air, and
  - (ii) potable water. O. Reg. 660/79, s. 24.

25.—(1) A fresh air base shall be provided underground where necessary to serve as a base for rescue and recovery work.

- (2) A fresh air base shall be,
- (a) at least thirty square metres in area; and
  - (b) equipped with a means for the supply of potable water and compressed air. O. Reg. 660/79, s. 25.

26.—(1) Fire extinguishing equipment of suitable type and size for use on a fire shall be provided,

- (a) at a fire hazard area;
- (b) where an electrical installation or equipment may be a fire hazard;
- (c) in or about a headframe;
- (d) in a building or structure on surface where a fire might endanger the mine entrance; and
- (e) at a shaft station in an underground mine.

(2) A fire suppression system consisting of sprinklers, foam or other suitable means of suppressing fire shall be provided,

- (a) in an underground mine,
  - (i) on equipment containing more than 100 litres of flammable hydraulic fluids,
  - (ii) in every storage area where more than 500 litres of oil, grease or flammable liquids are stored, and
  - (iii) in every service garage; and
- (b) on the surface, in a building or structure, except a fan house, located above or adjacent to an opening to an underground mine.

(3) At least once each month in an underground mine,

- (a) a fire extinguishing equipment;
- (b) fire suppression systems;
- (c) fire hydrants; and
- (d) fire doors,

shall be inspected by a competent person who shall report in writing thereon to the supervisor in charge of the underground mine. O. Reg. 660/79, s. 26.

27.—(1) In an underground mine or in or about a headframe or shaft house, flammable refuse shall be,

- (a) deposited in covered, fire-resistive containers; and
- (b) removed at least once a week from the mine or headframe or shaft house.

(2) Scrap timber shall safely be disposed of or removed from an underground mine.

(3) A written report certifying that there is no accumulation of flammable refuse in the area under his supervision shall be made weekly by a supervisor to the supervisor in charge of the mine. O. Reg. 660/79, s. 27

28.—(1) Oil, grease and other flammable material shall not be kept or stored in a shafthouse or in a portal house.

(2) Oil, grease and flammable liquids with a flashpoint below 52°Celsius shall,

- (a) when being used underground, be transported and stored only in metal containers or receptacles or in portable plastic containers for Petroleum Fuels as specified in CSA Standard No. B144-1974; and

(b) when stored underground, be restricted in quantity to the requirement for,

(i) the current day's work in the case of volatile flammable liquids, and

(ii) seven days in the case of oil and grease.

(3) No device for the generation of acetylene gas shall be used in an underground mine. O. Reg. 660/79, s. 28.

29. No worker shall build or set a fire in an underground mine unless he is specifically authorized to do so and has immediately available suitable fire extinguishing equipment. O. Reg. 660/79, s. 29.

30. Every shop and lunchroom in an underground mine shall,

(a) be constructed of material with at least a one hour fire-resistance rating; and

(b) be located and maintained so as to reduce the fire hazard to a minimum. O. Reg. 660/79, s. 30.

31. A structure housing a fan used in connection with a ventilation system for an underground mine shall be constructed of non-combustible material. O. Reg. 660/79, s. 31.

32.—(1) A fire hazard area shall be identified by suitable warning signs.

(2) Except where special precautions are taken and written instructions issued, no use of matches, smoking or other means of producing heat or fire shall be permitted in a fire hazard area. O. Reg. 660/79, s. 32.

33.—(1) Where a flow of flammable gas is encountered in a drill hole in an underground mine or in an enclosed building housing a diamond drill on surface,

(a) the affected area shall be evacuated;

(b) precautions shall be taken to prevent inadvertent entry of a person into the area;

(c) a supervisor shall be notified;

(d) the area shall be tested by a competent person; and

(e) the area shall be designated as a fire hazard area.

(2) In mines where flammable gas is known to occur, workers underground or diamond drillers on surface shall be advised of,

(a) the probability of encountering a flow of such gas; and

(b) the measures and procedures prescribed in subsection (1). O. Reg. 660/79, s. 33.

34.—(1) Where a blow torch or welding, cutting or other hot work equipment is used underground, or in a

headframe, shaft house or other surface building in which a fire may endanger the mine entrance or the underground workings, a procedure for the safe use of hot work equipment shall be prepared in writing and signed by the supervisor in charge of the mine.

(2) Only a worker who is a competent person or is under the direction of a competent person shall use hot work equipment.

(3) In addition to the hot work procedure required by subsection (1), written instructions shall be issued to the worker by a supervisor before the hot work equipment is used respecting,

(a) the type of work;

(b) the location of the work;

(c) when the work is to be done; and

(d) any special measures and procedures to be taken before, during and after the work.

(4) Where hot work equipment is used in a shaft, timbered area or fire hazard area,

(a) the area adjacent to the particular work place shall be wet down,

(i) before the work is begun, and

(ii) when the work is stopped and the worker using the hot work equipment intends to leave;

(b) the area adjacent to the particular work place shall be examined for potential fire hazards,

(i) before the work is begun, and

(ii) when the work is stopped and the worker intends to leave the area, and

(iii) on at least one other occasion approximately two hours after the work is stopped;

(c) fire-fighting equipment suitable for extinguishing any potential fire shall be available; and

(d) workers shall be protected from fumes, vapours or gases by,

(i) ventilation, or

(ii) the wearing of respirators.

(5) Subsection (1) does not apply to hot work being performed in a repair station or garage protected by a fire suppression system.

(6) Clause (4) (a) does not apply where the wetting down will create a hazard because of freezing or the presence of electrical equipment. O. Reg. 660/79, s. 34.

35.—(1) Except during the initial stages of exploration and development of mine, in addition to the opening through which workers are let into or out of the mine and the ore extracted, a separate escapement exit shall be provided.

(2) The escapement exit required by subsection (1) shall be,

- (a) located more than thirty metres from the main hoisting shaft or ramp;
- (b) of sufficient size to afford an easy passageway;
- (c) where necessary, provided with ladders from the deepest workings to the surface;
- (d) marked on all levels by signs and arrows pointing the way of exit in a manner to expedite escape;
- (e) made known to all underground workers who shall be instructed as to the route to the escapement exit; and
- (f) inspected at least once a month by a competent person who shall give a written report of such inspection to the supervisor in charge of the mine.

(3) A structure covering the escapement exit shall be constructed of material with at least a one hour fire-resistance rating. O. Reg. 660/79, s. 35.

36.—(1) Unless there is a second means of exit from an underground mine, no building shall be erected within fifteen metres of any closed-in part of a headframe or portal house.

(2) A building erected within fifteen metres of any closed-in part of a headframe or portal house shall be constructed of material with at least a one hour fire-resistance rating.

(3) No steam boiler or diesel engine shall be installed in such a manner that any part thereof is within twenty-three metres of the centre of the collar of a shaft or other entrance to a mine.

(4) No internal combustion engine shall be installed, serviced, garaged or stored in or within fifteen metres of the building housing the hoist nor within thirty metres of the centre of the collar of a shaft or other entrance to a mine.

(5) Except for the fuel tanks of motor vehicles, no gasoline or liquid fuel shall be stored within thirty metres of the collar of a shaft or other entrance of a mine.

(6) The natural drainage shall drain away from the shaft collar or other mine entrance.

(7) Where a hoist is located above the mine shaft, the supporting and enclosing structures shall be constructed of material with at least a one hour fire-resistance rating. O. Reg. 660/79, s. 36.

37. Fire doors in an underground mine shall,

- (a) where practical, be installed to close off the shaft or main entrance to the mine and the mine openings directly associated with it from the other workings;
- (b) be installed to close off a service garage or oil storage area where more than 500 litres of oil, grease, or flammable liquid are stored; and
- (c) be maintained in proper order and kept clear of all obstructions so as to be readily usable at all times. O. Reg. 660/79 s. 37.

38.—(1) Where, in an underground or tower mounted hoistroom, the normal air supply may become contaminated in an emergency, uncontaminated air shall be available to the hoistman and cagetender by means of,

- (a) an enclosed booth with a positive supply of uncontaminated air; or
- (b) one or more units of self-contained demand air or oxygen breathing apparatus, together with a fully charged cylinder of compressed air of at least 8.5 cubic metres capacity.

(2) Every hoistman and cagetender who may be required to use demand breathing apparatus shall be competent in its use. O. Reg. 660/79, s. 38.

39.—(1) Procedures in case of a fire at,

- (a) the surface of an underground mine;
- (b) a surface mine; or
- (c) a mining plant,

shall be prepared by the supervisor in charge of the mine or mining plant.

(2) The procedures required by subsection (1) or extracts therefrom shall be set out in writing and shall be posted and kept posted in a conspicuous place or places where they are most likely to come to the attention of a worker.

(3) A suitable number of workers at each mine and mining plant shall be trained in the fire-fighting procedures and,

- (a) the names of such workers shall be posted in a conspicuous place;
- (b) such workers shall be tested for proficiency at least once a year; and
- (c) a written report of the results of the tests shall be made and kept on file.

(4) Fire extinguishing equipment of a suitable type and size shall be provided at,

- (a) the surface of every underground mine;
- (b) every surface mine; and
- (c) mining plant.

(5) At least once each month, the

- (a) fire extinguishing equipment;
- (b) fire suppression systems;
- (c) fire hydrants; and
- (d) fire doors,

at the surface of an underground mine, a surface mine and a mining plant shall be inspected by a competent person who shall report thereon to the supervisor in charge of the mine or mining plant, as the case may be. O. Reg. 660/79, s. 39.

40.—(1) The fuel tank of an internal combustion engine installed in a building shall be arranged so that the transfer of fuel to the tank takes place at a point outside the building and the fuel is conducted to the tank in a tightly jointed pipe or conduit.

(2) The air displaced from the fuel tank shall be conducted to a safe point outside the building before being discharged into the atmosphere. O. Reg. 660/79, s. 40.

41. Any dangerous, flammable or explosive material or substance in a solid, liquid or gaseous state, or any combination thereof, other than explosive, that is kept, stored or handled, in a mining plant shall,

- (a) be kept in a container that is suitable having regard to the nature and state of the material or substance;
- (b) have labels on the container identifying the material or substance and warning of the hazards involved therewith;
- (c) be kept apart or insulated from any source of ignition or from temperatures likely to cause combustion; and
- (d) where the material or substance is not intended for immediate use, be kept, stored or handled,
  - (i) outside any building,
  - (ii) in a building not used for any other purpose, or
  - (iii) in a well ventilated compartment with at least a one hour fire-resistance rating which is located in conformity with clause (c). O. Reg. 660/79, s. 41.

42.—(1) In addition to the main exit, a building at a mining plant, except a magazine, shall be provided with a second means of exit, convenient to and having

easy communication with all rooms regularly occupied by a worker, including,

- (a) tower stairs equipped with doors and hardware with at least a one hour fire-resistance rating at each storey including the basement; or
- (b) metal or other non-combustible fire escapes consisting of exterior stairways with railings and with landings at each storey connecting directly with the interior of the building through metal or other doors with at least a one hour fire-resistance rating.

(2) No means of exit from a plant building shall be obstructed and no door to a fire escape, tower stair or other smokeproof enclosure shall be prevented from closing or remaining closed. O. Reg. 660/79, s. 42.

43. A process that is likely to produce a gas, vapour, dust or fume to such an extent as to be capable of forming a flammable mixture with air shall be carried out in an area which,

- (a) is isolated from other operations;
- (b) has a system of ventilation which removes the gas, vapour, dust or fume;
- (c) has no potential sources of ignition; and
- (d) has vents, baffles, chokes, dampers or other means to reduce the effects of any explosion, as may be required. O. Reg. 660/79, s. 43.

### PART III

#### ACCESS TO WORK PLACES

44.—(1) A safe means of access to a work place shall be provided by a walkway, stairway or ladderway.

(2) Where workers are required to work, operate, maintain or service equipment, a safe means of access shall be provided as prescribed in subsection (1).

(3) Every walkway and every working platform more than 1.5 metres above the ground shall be provided with,

- (a) a handrail not less than 0.91 metre or more than 1.07 metres above the floor of the walkway or platform;
- (b) a second rail placed at the mid-point between the top rail and the floor of the walkway or platform or have the space between the top rail and the floor closed by a screen; and
- (c) toeboards which shall extend from the floor a height of not less than 100 millimetres.

(4) The handrail required by clause (3) (a) shall be capable of withstanding a load applied in any direction to the top rail of at least 0.9 kilonewton.

(5) Notwithstanding clauses (3) (b) and (c), toeboards and second rails are not required on a temporary walkway or working platform.

(6) When a platform consists of wooden planks, the planks shall,

- (a) be sound, unpainted and free of large knots;
- (b) provide a minimum safety factor of three times the maximum load to which it is likely to be subjected; and
- (c) be nailed or otherwise secured against movement.

(7) Where a means of access to a work place is inclined at more than twenty degrees and less than fifty degrees to the horizontal, a stairway or ladderway shall be provided.

(8) Where a means of access to a work place is inclined at more than fifty degrees to the horizontal, a ladder shall be provided.

(9) A stairway shall,

- (a) be at an angle not greater than fifty degrees to the horizontal;
- (b) not have the rise or vertical distance between landings of a flight exceed 3.6 metres;
- (c) have the treads and risers uniform in width and height respectively in any one flight; and
- (d) be provided with handrails of adequate strength not less than 0.91 metre and not more than 1.07 metres in height above the treads of the stairs. O. Reg. 660/79, s. 44.

45.—(1) A ladder shall,

- (a) be of strong construction;
- (b) be free from broken or loose members or other faults;
- (c) be installed and maintained so as to reduce to a minimum the hazard of a person falling therefrom;
- (d) if made of wood,
  - (i) be of sound straight-grain lumber,
  - (ii) not be painted or otherwise treated in a manner to obscure the grain;
- (e) have a distance between centres of the rungs not greater than 300 millimetres or less than 250 millimetres;

(f) have the spacing between rungs not vary more than fifteen millimetres in a ladderway;

(g) have not less than 100 millimetres clearance behind any rung from a wall or any timber or obstruction underneath the ladder; and

(h) project at least one metre above the landing or opening unless strong handholds are provided above the top of the ladder.

(2) A fixed ladder shall be securely fastened in place. O. Reg. 660/79, s. 45.

46.—(1) Except in an underground mine, a ladderway at an angle steeper than seventy degrees to the horizontal shall be fixed in place and be provided with,

- (a) platforms at intervals not greater than seven metres;
- (b) a safety cage; or
- (c) a protective device which when used will prevent a worker from falling. O. Reg. 846/79, s. 5.

(2) Except in an underground mine, where platforms are used in conjunction with a ladderway,

- (a) the ladders shall be offset;
- (b) a platform shall be provided at each place where ladders are offset; and
- (c) the platform shall be not less than 600 millimetres in width by 1.2 metres in length. O. Reg. 660/79, s. 46 (2).

47. A portable ladder shall,

- (a) be equipped with non-slip feet or otherwise secured;
- (b) where any activity in the vicinity may create a hazard to a person thereon, be protected at its base; and
- (c) where the ladder has metal or metal-reinforced side rails, not be used near exposed and energized electrical circuits or equipment. O. Reg. 660/79, s. 47.

48.—(1) Subject to subsection (2), a suitable ladderway shall be provided in every shaft.

(2) In untimbered shafts, an independently powered conveyance may be used in place of a ladderway.

(3) Except for an auxiliary ladder used in shaft-sinking operations, no ladder shall be installed in a shaft in a vertical position.

(4) During shaft-sinking operations, if a permanent ladder is not provided to the bottom, an auxiliary ladder that will reach from the permanent ladders to the bottom shall be provided in such convenient position that it

may be promptly lowered to any point at which a worker is working. O. Reg. 660/79, s. 48.

49.—(1) Where a ladderway is installed in an underground mine or in a headframe used in conjunction with a shaft and the ladderway is inclined at more than seventy degrees from the horizontal,

- (a) the ladderway shall be provided with substantial platforms at intervals not greater than seven metres;
- (b) the ladders shall be offset at the platform;
- (c) except for openings large enough to permit the passage of a worker, the platforms shall be fully closed; and
- (d) if installed in a shaft manway, the ladders shall be placed over the openings of the platforms below.

(2) Where the ladderway is inclined at less than seventy degrees to the horizontal the ladders may be continuous and the provisions of clauses (1) (a) and (c) shall apply.

(3) Where a ladderway is inclined at less than fifty degrees to the horizontal, no platform is required except at points of offset.

(4) Where a ladderway is the only means of access for mine rescue purposes, the opening shall be large enough for such purpose. O. Reg. 660/79, s. 49.

50. Wire ropes used for climbing purposes shall not be frayed or have projecting broken wires. O. Reg. 660/79, s. 50.

51. No person shall be, or be permitted to be, in a combined ladderway and hoistway compartment while a bucket or material is being,

- (a) loaded or unloaded at the top; or
- (b) hoisted or lowered. O. Reg. 660/79, s. 51.

52.—(1) A walkway, stairway or ladderway shall be,

- (a) maintained in a safe condition;
- (b) free from obstructions;
- (c) of sufficient size to ensure that crowding does not occur; and
- (d) cleared of hazardous accumulation of material without undue delay.

(2) Any opening in a floor or other surface which may be a hazard to a worker shall be,

- (a) protected by a guardrail; or

- (b) covered with securely fastened planks or other material capable of supporting any load to which it is likely to be subjected. O. Reg. 660/79, s. 52.

## PART IV

### PROTECTION OF WORKERS

53. No worker shall work in a location where another worker is working overhead unless measures are taken to protect the worker. O. Reg. 660/79, s. 53

54. Where a gas, liquid or vapour is contained at a pressure other than atmospheric pressure, before any fastening of the container or system connected therewith,

- (a) is loosened, any flow into or out of the container or system shall be effectively stopped; or
- (b) is removed, the container or system shall be drained or bled so that the pressure in the container or system equals atmospheric pressure. O. Reg. 660/79, s. 54.

55. No liquids or solids shall be transferred from one location or container to another location or container by the application of air under pressure except where equipment specifically designed for the purpose is used. O. Reg. 660/79, s. 55.

56. Plastic pipe and fittings shall,

- (a) meet CSA Standards B137.3-1972 and B137.0-1973;
- (b) be properly supported;
- (c) not be used for the main supply or discharge of compressed air or water in mine shafts; and
- (d) not be forced around bends that may unreasonably stress the pipe or its connections. O. Reg. 660/79, s. 56

57. All openings, sumps, vessels, bins, hoppers, elevated platforms or pits, other than grease pits, which constitute a hazard, shall be fenced or otherwise guarded. O. Reg. 660/79, s. 57.

58.—(1) Before a worker enters any silo, bin, hopper or other container or structure containing bulk material, all further supply of material thereto shall be stopped and any removal of material therefrom shall be prevented.

(2) When working on top of bulk material in any silo, bin, hopper or other container or structure,

- (a) a worker shall use a fall arrest system; and
- (b) at least one other worker, who is a competent person, equipped with a suitable alarm

shall be in constant attendance outside the silo, bin, hopper or other container or structure. O. Reg. 660/79, s. 58.

59.—(1) Stockpiles of unconsolidated material shall be,

- (a) inspected for hazardous conditions regularly by a competent person; and
- (b) made safe before a worker is allowed to work close to or on top of the stockpile.

(2) Bulk or packaged material shall be piled or stacked in a manner to prevent accidental movement or collapse.

(3) When a tunnel is used under a stockpile for the purpose of reclaiming material from the stockpile at least two exits shall be provided from the tunnel. O. Reg. 660/79, s. 59.

60. A procedure shall be established and maintained at an underground mine to record every worker and other person who is underground in the mine. O. Reg. 660/79, s. 60.

61.—(1) Every place where drilling and blasting is being carried on in an underground mine shall be examined by a supervisor during each work shift.

(2) Every place other than where drilling and blasting is being carried on in an underground mine and where workers carry on work shall be examined by a supervisor at least once each work week. O. Reg. 660/79, s. 61.

62.—(1) Where in an underground mine a potential or actual danger to the health or safety of a worker has not been remedied or removed at the end of a work shift, a record in writing shall be made by the supervisor of the work shift and signed by the supervisor describing,

- (a) the dangerous condition; and
- (b) the state of corrective measures taken.

(2) The record required by subsection (1) shall be read and countersigned by the supervisor of the next work shift before a worker on such shift does any work in the area of the dangerous condition and the workers on such shift who may be affected by the dangerous condition shall be advised of,

- (a) the dangerous condition;
- (b) the state of corrective measures undertaken; and
- (c) the work required to be done to remove or remedy the dangerous condition. O. Reg. 660/79, s. 62.

63. Before work is begun in a work place in an underground mine, the ground conditions of the work place shall be examined for dangers and hazards and, if required, made safe. O. Reg. 660/79, s. 63.

64.—(1) Subject to section 65, a work place, travelway, manway or other area of an underground mine shall be made safe by scaling, timbering, rockbolting or by other measures.

(2) During scaling procedures in a work place in an underground mine no other work shall be carried on that hinders the scaling procedures.

(3) An adequate supply of properly dressed scaling equipment shall be provided. O. Reg. 660/79, s. 64.

65. Where a work place, travelway, manway or other area of an underground mine is under repair or where there is a danger or hazard to a worker, the same shall be,

- (a) closed by barricades, fencing or other suitable means; and
- (b) warning signs shall be posted. O. Reg. 660/79, s. 65.

66. Where an engineer of the Ministry gives to the owner of an underground mine a written opinion that the ground stability of the mine is a hazard to the safety of the workers in the mine, the owner shall install and maintain instruments or devices that are necessary for measuring ground stresses and the owner shall regularly monitor such instruments or devices. O. Reg. 660/79, s. 66.

67. A record of the occurrence of a rockburst or of an uncontrolled fall of ground at an underground mine shall be kept in writing setting out,

- (a) the time, location and extent of the occurrence;
- (b) injury, if any, caused to a worker thereby; and
- (c) any other relevant information, including the records of any monitoring instruments or devices before the occurrence. O. Reg. 660/79, s. 67.

68.—(1) Rockbolts used to secure the enclosing rocks in an underground mine shall be properly installed and a proportion thereof shall be pull-tested or, in the case of torque-tension bolts, be torque tested for proper installation and adequacy of materials used.

(2) A record of the tests required by subsection (1) shall be kept. O. Reg. 660/79, s. 68.

69. A shaft, raise or other opening in an underground mine shall be securely fenced, covered or otherwise guarded. O. Reg. 660/79, s. 69.

70.—(1) A shaft shall be securely cased, lined or timbered.

(2) During shaft-sinking operations the casing, lining or timbering shall be maintained within a distance of the bottom not exceeding twenty metres. O. Reg. 660/79, s. 70.

71.—(1) Except during shaft-sinking operations, a shaft compartment used for the handling of material

shall be enclosed at the collar and at all levels, except the side on which material is loaded on or off the shaft conveyance.

- (2) The enclosure referred to in subsection (1) shall,
- (a) be made of substantial materials;
  - (b) extend above the collar and each level a distance of not less than the height of the shaft conveyance plus two metres but need not exceed seven metres;
  - (c) extend below the collar and each level a distance of not less than two metres; and
  - (d) conform to the size of the shaft conveyance, allowing for necessary operating clearance.
- O. Reg. 660/79, s. 71.

72.—(1) Subject to subsection (2), the manway in a shaft shall be separated from the hoisting or counterweight compartments by a partition which complies with subsection 71 (2).

(2) Between levels, the partition may consist of metal of suitable weight and mesh to prevent,

- (a) a falling object from entering the manway; or
- (b) the intrusion of an object from the manway into the hoisting compartment.

(3) A safe passageway and standing room for a person outside the shaft shall be provided at all workings opening into a shaft and the manway shall be directly connected with such openings. O. Reg. 660/79, s. 72.

73.—(1) Except when the hoisting compartment at a shaft station is securely closed off, a substantial gate shall be installed.

- (2) The gate required by subsection (1) shall,
- (a) be kept closed except when the shaft conveyance is being loaded or unloaded at the station;
  - (b) have a minimum of clearance beneath it; and
  - (c) be reinforced against impact of,
    - (i) a locomotive, train or car when rail tracks lead to the compartment, or
    - (ii) a motor vehicle when motor vehicles are used in the vicinity of the shaft.
- O. Reg. 660/79, s. 73.

74. Where a counterweight is used in a shaft, the counterweight compartment shall be enclosed except when the counterweight travels on guides. O. Reg. 660/79, s. 74.

75. During shaft-sinking operations no work shall be done in any place in a shaft while a worker is working in another part of the shaft below such place unless the worker in the lower position is protected from the

danger of falling material by a securely constructed covering extending over a sufficient portion of the shaft to afford complete protection. O. Reg. 660/79, s. 75.

76. Hooks used in connection with the suspension of any equipment or material in a shaft or raise or over a worker shall be choked or equipped with a safety latch. O. Reg. 660/79, s. 76.

77. When work or an examination is taking place in the compartment of a shaft or in that part of the head-frame used in conjunction therewith,

- (a) hoisting operations in that compartment, except for those necessary to perform the work or examination, shall be suspended; and
  - (b) protection from accidental contact with any moving shaft conveyance or counterweight, or falling objects shall be provided for a worker performing the work or examination.
- O. Reg. 660/79, s. 77.

78.—(1) Subject to subsection (3), a raise that is,

- (a) inclined at an angle of greater than fifty degrees; and
- (b) more than twenty metres in length,

shall be divided into at least two compartments, one of which shall be a ladderway.

(2) The ladderway shall be maintained within eight metres of the face of the raise.

(3) Subsection (1) does not apply where a raise climber is used. O. Reg. 660/79, s. 78.

79.—(1) When a chute or drawpoint is to be pulled and the settling of the broken material above the chute or drawpoint is likely to endanger any person,

- (a) the area affected by the pulling shall be protected by signs or barricades;
- (b) a worker who is working in the area shall be notified of the hazard;
- (c) precautions shall be taken during the pulling operation to ascertain whether or not the broken material is settling freely from the top; and
- (d) when there is a likelihood of a hangup, the location shall remain protected by signs or barricades.

(2) When pulling a chute, no worker shall be positioned so that his access to an exit from the area may be blocked by an uncontrolled run of material, water or slimes.

(3) A mechanical locking device shall be installed on overcut power operated chute gates, so that the gate may be locked in the open or closed position. O. Reg. 660/79, s. 79.

80. Where the entrance or exit to a work place in an underground mine cannot be used at all times, a second means of entrance or exit shall be provided. O. Reg. 660/79, s. 80.

81. A diamond drill hole in an underground mine shall at the time that drilling is discontinued or an intersection with the drill hole is made,

- (a) be clearly marked, in yellow paint, at the collar and any points of intersection or breakthrough, with a single capital letter "H" that is,
  - (i) located within one metre of the collar or intersection, and
  - (ii) at least 300 millimetres by 300 millimetres in size;
- (b) have the approach to the collar or to any intersection or breakthrough securely closed off or guarded,
  - (i) when mining is in progress towards the hole, and
  - (ii) when blasting is to be done within five metres of an intersection of the hole; and
- (c) be shown on the plans of the mine. O. Reg. 660/79, s. 81.

82.—(1) A work place in an underground mine shall,

- (a) be kept free from accumulations or flow of water which might endanger a worker in the area; and
  - (b) have a drainage system to conduct excess water to a pumping system capable of pumping the water to surface for disposal.
- (2) Where accumulations of water are likely to be present,
- (a) a borehole shall be drilled at least six metres ahead of the working face to protect against a sudden breakthrough of the water; and
  - (b) precautions shall be taken to control the flow of water.
- (3) A positive displacement water pump shall be equipped with a relief valve or system.

(4) Precautions shall be taken to guard against an accumulation of water in a chute or raise where the material in the chute or raise may block drainage. O. Reg. 660/79, s. 82.

83.—(1) Where earth, clay, sand or gravel is being removed from a surface mine by means of powered equipment,

- (a) the working face shall be sloped at the angle of repose; or

- (b) the vertical height of the working face shall not be more than 1.5 metres above the maximum reach of the equipment.

(2) Where earth, clay, sand or gravel is being removed from a surface mine by means other than powered equipment,

- (a) the working face shall be sloped at its angle of repose; or
- (b) the vertical height of the working face shall not be more than three metres.

(3) No undercutting of the working face shall be permitted or done.

(4) Except when mining operations are being actively pursued, benches and walls shall be sloped to less than the angle of repose. O. Reg. 660/79, s. 83.

84. Where metallic or non-metallic rock is being removed from a surface mine,

- (a) the vertical height of the working face shall not be more than twenty-five metres; and
- (b) except where a tunnelling method is used to remove the rock, no undercutting of the working face shall be permitted or done. O. Reg. 660/79, s. 84.

85. Every surface mine,

- (a) that is dangerous by reason of its depth, shall be securely fenced or otherwise guarded against inadvertent access; and
- (b) shall have a safe travelway leading from the working level to the surface. O. Reg. 660/79, s. 85.

86.—(1) Earth, clay, sand or gravel, loose rock, trees or other vegetation, likely to create a hazard on the rim of a surface mine, shall be removed.

(2) Overburden beyond two metres of the rim of a surface mine shall be sloped to an angle less than its natural angle of repose. O. Reg. 660/79, s. 86.

87.—(1) Subject to subsection (2),

- (a) where earth, clay, sand or gravel is being removed from a surface mine no mining operations shall be carried on within a distance from the property boundary of half the total depth of the surface mine and earth, clay, sand or gravel that sloughs from within this distance shall not be removed; and
- (b) where metallic or non-metallic rock is being removed from a surface mine, no mining operations shall be carried on within a distance of six metres from the property boundary.

(2) Adjoining owners may, by agreement in writing, waive the provisions of subsection (1). O. Reg. 660/79, s. 87.

88.—(1) In a surface mine where metallic or non-metallic rock is being removed, no work shall be carried on,

- (a) near a working face following a blast; or
- (b) near a face on which mining operations have been discontinued for a period of more than seven days,

until a supervisor examines the face for any potential or actual hazard to the health or safety of a worker.

(2) When a surface mine is worked in benches, loose rock on berms or benches shall not be permitted to accumulate so that a worker on a lower bench is endangered. O. Reg. 660/79, s. 88.

89. A worker barring loose rock, or scaling or cleaning on a face of a surface mine shall use and wear a fall-arrest system. O. Reg. 660/79, s. 89.

90.—(1) An employer shall provide personal protective equipment, shield, appliance or other device where a worker is exposed to the hazard of being burned by molten materials.

(2) An employer shall require a worker to use or wear personal protective equipment, shield, appliance or other device provided by the employer where the worker is exposed to the hazard of being burned by molten material. O. Reg. 660/79, s. 90.

91.—(1) Precautions shall be taken to prevent contact between molten material and damp surfaces, rusty surfaces, cold surfaces, moisture, water, or other substance where such contact may cause an explosion, and where such explosion may endanger a worker.

(2) Precautions shall be taken to prevent spillage of molten material from a ladle, slag pot or similar vessel where such spillage may endanger a worker.

(3) A ladle, slag pot or similar vessel shall be examined immediately before use and, if found to be defective or contaminated by a substance which may cause an explosion, shall not be used for molten material. O. Reg. 660/79, s. 91.

92.—(1) Where a worker is required to go above the casting floor level of an operating blast furnace the worker shall notify a supervisor.

(2) When a worker is above the casting floor level of an operating blast furnace, a second competent worker shall,

- (a) be in attendance to render assistance to the worker; and
- (b) remain in a safe place until such assistance is required. O. Reg. 660/79, s. 92.

93. A suitable working platform shall be provided on the bustle pipe of a blast furnace. O. Reg. 660/79, s. 93.

94. A system of communication shall be provided and maintained between all dangerous work places of a blast furnace, including the blast furnace top structure, and

- (a) the cast house;
- (b) the skip operator's room; and
- (c) every other place where workers are continuously on duty. O. Reg. 660/79, s. 94.

95. A ladderway or stairway shall be provided from the foundation to the top of a blast furnace. O. Reg. 660/79, s. 95.

96. When a blast furnace is hanging no worker or other person shall be, or be permitted to be, above the level of the casting floor. O. Reg. 660/79, s. 96.

97. Where a major repair is to be carried out at the top structure of a blast furnace that requires the blast furnace to be shut down,

- (a) the blast furnace area shall be cleared of workers other than those carrying out the repair; and
- (b) the major repair area shall be tested for gases likely to endanger the health and safety of a worker before the repair is commenced and during the carrying out of the repair. O. Reg. 660/79, s. 97.

## PART V

### HAULAGE

98. When in use, a motor vehicle running on rails, other than a standard gauge railroad, shall,

- (a) be in safe working condition;
- (b) have brakes that will stop and hold the vehicle or cars under full load condition;
- (c) have headlights;
- (d) have an audible warning system that shall be sounded,
  - (i) where a worker may be endangered by the movement of the vehicle and cars, if any, or
  - (ii) whenever the vehicle and cars, if any, are about to move underground or in an enclosed building;
- (e) be provided, where possible, with a fixed seat for the operator;

- (f) have a guard that will provide protection for the operator from collision or other impact;
- (g) when manually operated, be operated only when the operator is in the proper position at the controls;
- (h) when operated by remote control or by an automated system, be so arranged that in the event of failure of part of the control or system, the vehicle and cars, if any, will be brought to a stop immediately;
- (i) when left unattended, have,
  - (i) the control placed in the parking position, and
  - (ii) the brake fully applied; and
- (j) when electrically powered by storage battery or from a trolley wire, have control levers so arranged that they cannot be removed accidentally when the power is on. O. Reg. 660/79, s. 98.

99. Except when used in areas where natural or artificial lighting provides good visibility, a train shall have a tail light on the last car. O. Reg. 660/79, s. 99.

100.—(1) When in use, a motor vehicle, other than a motor vehicle running on rails, shall,

- (a) be in safe working condition;
- (b) have brakes which will stop and hold the vehicle under full load conditions on all operating grades;
- (c) subject to subsection (2), have headlights and tail lights;
- (d) except when other suitable means of warning or protection are employed, have,
  - (i) an audible warning system that shall be sounded,
    - (A) where a worker may be endangered by the movement of the motor vehicle, and
    - (B) whenever the motor vehicle is about to move underground or in an enclosed building, and
  - (ii) subject to subsection (3), a warning device that will sound when the vehicle is operated in reverse, and
  - (iii) subject to subsection (3), a rear view mirror;
- (e) where,
  - (i) equipped with power-assisted steering, and

- (ii) operated on surface,

have a system such that in the event of a failure of the power-assistance element of the system, the vehicle can be held on course by the steering until the vehicle is stopped;

- (f) except for purposes of training or testing, be operated only by a competent operator;
- (g) be provided, where practical, with a fixed seat for the operator;
- (h) when manually operated, be operated only when the operator is in a proper position at the controls;
- (i) where operated by remote control or by an automated system, be so arranged that in the event of the failure of part of the control or system, the vehicle will be brought to a stop;
- (j) when left unattended, have,
  - (i) the control placed in the parking position,
  - (ii) the brake fully applied, and
  - (iii) on a slope, the wheels blocked;
- (k) when used in an underground mine, have lights or reflectors that show the width of the vehicle to a person in the path of its direction of travel;
- (l) where the motor vehicle is to be operated in reverse and the operator or another person may be endangered thereby, be operated only when another worker is stationed to direct and warn the operator of any hazard to himself or another person; and
- (m) be equipped with a Type ABC fire extinguisher.

(2) In areas where natural or artificial lighting is adequate to enable the operator to have a clear view of the areas and persons, a motor vehicle may be operated without headlights or tail lights.

(3) Where a motor vehicle is designed to be operated bi-directionally and the operator has a clear view in both directions, the motor vehicle may be operated without the warning device required by subclause (1) (d) (ii) and the rear view mirror required by subclause (1) (d) (iii). O. Reg. 660/79, s. 100.

101.—(1) Where a motor vehicle is operated on a grade or ramp, traffic control procedures shall be established including provision for the control of emergency situations.

(2) Where a motor vehicle is disabled or parked in the travelled portion of a roadway, a warning to approaching traffic shall be provided by,

- (a) flashing lights;
- (b) flares;
- (c) reflectors;
- (d) lamps; or
- (e) a worker suitably equipped to be readily seen, who directs traffic approaching the area.

(3) In the operation of a motor vehicle in an underground mine,

- (a) the maximum load to be carried;
- (b) the maximum speed; and
- (c) the gear selection to be used,

on a grade or ramp shall be established and made known to the operator by the supervisor in charge of the mine. O. Reg. 660/79, s. 101 (1-3).

(4) Before ascending or descending a main access ramp in an underground mine, the operator of a motor vehicle shall,

- (a) fully engage the forward-reverse lever;
- (b) select the proper gear; and
- (c) test the service and emergency brakes. O. Reg. 660/79, s. 101 (4); O. Reg. 846/79, s. 6.

102.—(1) Where practical, a motor vehicle in a mine shall carry wheel chocks. O. Reg. 846/79, s. 7 (1).

(2) Wheel chocks shall be used to block movement when a motor vehicle is left unattended on a slope or is being maintained or repaired.

(3) Whenever work is to be performed on a rubber tire with a split rim wheel, a device shall be used to prevent injury to a worker. O. Reg. 660/79, s. 102 (2, 3).

(4) The device mentioned in subsection (3) is not required when topping off the air pressure in a tire. O. Reg. 846/79, s. 7 (2).

103.—(1) When the controls are left unattended,

- (a) the bucket of a front-end loader, backhoe or other excavating machine;
- (b) the blade of a bulldozer; or
- (c) the load of a fork-lift truck, mobile crane or other hoisting machine,

shall be in the lowered position or adequately supported.

(2) Any part of a motor vehicle or other equipment, including the blade or bucket or dump box of a truck, the lowering of which may endanger a worker, shall be blocked so as to prevent its lowering accidentally.

(3) A crane or other hoisting machine shall be operated in such a way that no part of its load will pass over a person, other than a worker receiving the load and a worker receiving a load shall, so far as is practicable, position himself so that the load does not pass over him.

(4) A shovel, backhoe or similar excavating machine shall be operated in such a way that no part of its load will pass over a person.

(5) Where an operator may be endangered during the loading of a vehicle, he shall vacate the vehicle. O. Reg. 660/79, s. 103.

104.—(1) A rail track switch in which a person's foot may become trapped shall have guards at the frog and switch point to effectively protect against the hazard.

(2) Rail tracks in use shall be in good working condition. O. Reg. 660/79, s. 104.

105.—(1) Vehicles being used for transporting workers shall,

- (a) be provided with suitable seats or other facilities;
- (b) be limited to a maximum number of passengers, which number shall be posted in or on the vehicle; and
- (c) when enclosed, be equipped with an emergency exit.

(2) Whenever the face of an inclined tunnel in a mine exceeds a vertical depth of 100 metres without intermediate access to the tunnel from a shaft with man hoisting facilities, a vehicle shall be provided to transport workers down and up the tunnel.

(3) Except for training purposes, only those workers authorized and required to handle the load shall ride on a vehicle that is transporting,

- (a) explosives;
- (b) steel or timber; or
- (c) heavy equipment.

(4) The load on a vehicle shall be adequately secured.

(5) A worker may carry personal hand tools or equipment on a vehicle when,

- (a) the vehicle is not crowded;

- (b) the tools and equipment are properly protected by guards; or
  - (c) the tools or equipment are isolated in separate containers.
- (6) The maximum speed and the maximum load of a vehicle transporting workers or a service vehicle shall be posted on the vehicle in a conspicuous location. O. Reg. 660/79, s. 105.

106.—(1) Subject to subsections (2) and (3), a haulageway for a motor vehicle running on rails in an underground mine shall have,

- (a) a walkway on one side so that there is at least 0.6 metres clearance between the sides of the haulageway and the motor vehicle running on rails or the train; or
  - (b) safety stations as prescribed in section 109 at intervals not exceeding thirty metres. O. Reg. 660/79, s. 106 (1); O. Reg. 846/79, s. 8 (1).
- (2) Where a motor vehicle running on rails travels at more than 12 kilometres per hour,
- (a) the clearance prescribed in clause (1) (a) shall be at least 1.2 metres;
  - (b) pedestrian traffic shall be restricted to designated periods during which no motor vehicle running on rails shall be used in the haulageway; or
  - (c) safety stations as prescribed in section 109 at intervals not exceeding thirty metres shall be provided. O. Reg. 660/79, s. 106 (2); O. Reg. 846/79, s. 8 (2, 3).
- (3) Subsection (1) does not apply to any haulageway that was driven prior to the 1st day of October, 1979 if the haulageway complies with section 245 of *The Mining Act*, being chapter 274 of Revised Statutes of Ontario, 1970, as it read on the 30th day of September, 1979. O. Reg. 660/79, s. 106 (3).

107. A haulageway used by motor vehicles, other than motor vehicles running on rails, shall,

- (a) except where pedestrian traffic is effectively prevented, be at least 1.5 metres wider than the maximum width of a motor vehicle using the haulageway; and
  - (b) where it is regularly used by pedestrians and it is less than two metres wider than the maximum width of a motor vehicle using the haulageway, have safety stations as prescribed in section 109 at intervals not exceeding thirty metres. O. Reg. 660/79, s. 107.
108. Except in an underground mine with a low clearance roof in which equipment designed to be operated therein is used, a haulageway used by a motor vehicle shall have sufficient clearance below the roof, support or overhead installations to enable the operator of a motor vehicle to sit erect at all times. O. Reg. 660/79, s. 108.

109.—(1) A safety station shall consist of a recess in the wall of a haulageway that shall be,

- (a) at least,
  - (i) 0.6 metre in depth, in addition to any existing clearance between the vehicle and the wall,
  - (ii) two metres in height, and
  - (iii) 1.5 metres in length;
- (b) plainly marked; and
- (c) clean and free of obstruction. O. Reg. 660/79, s. 109.

(2) Clause (1) (a) does not apply to a safety station in a haulageway that was driven prior to the 1st day of October, 1979, if the safety station complies with section 245 of *The Mining Act*, being chapter 274 of Revised Statutes of Ontario, 1970, as it read on the 30th day of September, 1979. O. Reg. 846/79, s. 9.

110.—(1) Subject to subsection (2), where the view of rail traffic at railway tracks on surface is obstructed in one or both directions, guardrails shall be placed at the approach to the tracks.

(2) Subsection (1) does not apply where,

- (a) restricted clearance makes guardrails impracticable; and
- (b) a warning signal which automatically functions at the approach of a locomotive or train gives a warning signal that is both audible and visible; or
- (c) a worker is guarding the approach. O. Reg. 660/79, s. 110.

111.—(1) Haulage roads on surface shall be designed, constructed and maintained to,

- (a) minimize hazards from the slipping or skidding of vehicles;
- (b) enable vehicles to pass each other safely; and
- (c) avoid steep grades wherever practical.

(2) The open side of a ramp haulage road in a surface mine shall be provided with a suitable protective barrier.

(3) Every haulage road on surface shall be kept in good repair. O. Reg. 660/79, s. 111.

112.—(1) Where, on surface at a mine or mining plant, the clearance between the sides of a train or motor vehicle and the wall of a building or other structure is less than 500 millimetres, the location shall be plainly marked showing the danger.

(2) Where the operator may be exposed to overhead hazards on surface at a mine or mining plant, a cab, screen or other adequate overhead protection shall be provided on,

- (a) a power-driven crane, shovel or similar machine;
- (b) a fork-lift truck; and
- (c) a front-end loader or other excavating machine. O. Reg. 660/79, s. 112.

113.—(1) Where material is dumped from a vehicle over a bank or bench, a bumper block or a ridge of material shall be provided to act as an effective stopblock.

(2) Material shall not be dumped from a vehicle over a bank or bench where the ground at the dumping place may fail to support the weight of a loaded vehicle. O. Reg. 660/79, s. 113.

114.—(1) The brakes on motor vehicles operating on ramps shall consist of,

- (a) a service braking system;
- (b) an emergency stopping system; and
- (c) a parking system.

(2) Each such system shall be capable of being,

- (a) tested independently; and
- (b) readily applied by a worker seated in the driver's seat.

(3) A service braking system may consist of a hydraulic pump motor drive system.

(4) The capacity of retarders shall not be considered in determining the capacity of the braking system prescribed in subsection (1).

(5) The service braking system and the emergency stopping system shall be capable of safely stopping a vehicle while free wheeling under its,

- (a) maximum authorized load; and
- (b) maximum authorized speed,

while proceeding on maximum grade in its area of operation.

(6) The parking brake system shall be capable of holding the vehicle stationary under conditions of its maximum authorized load when on the maximum grade in its area of operation.

(7) Devices shall be installed in units using torque converters or stored energy brake systems that shall,

- (a) cause the emergency system to apply on a preset drop in pressure; and
- (b) warn the operator of the impending application of the emergency stopping system.

(8) Where components for applying the service brakes and emergency brakes are common, they shall be arranged so that any failure in a common component does not reduce the capability of either system to stop the vehicle safely.

(9) Before being put into service, tests shall be conducted on a newly acquired vehicle for the proper operation of the,

- (a) service brakes;
- (b) emergency brakes;
- (c) parking brakes;
- (d) steering;
- (e) warning devices; and
- (f) lighting.

(10) A record of such tests shall be signed by a competent worker and kept for each such vehicle.

(11) A procedure of maintenance practice for each vehicle shall be adopted which will,

- (a) provide a schedule for short and long term routine maintenance;
- (b) itemize the work to be done during each scheduled maintenance program;
- (c) itemize the tests to be carried out at the conclusion of each scheduled maintenance program; and
- (d) record the maintenance and tests that have been carried out. O. Reg. 660/79, s. 114.

115.—(1) A service garage or fuelling station in an underground mine shall,

- (a) be designed and protected to prevent inadvertent entry of an uncontrolled motor vehicle;
- (b) be located so that in the event of a fire or explosion in the garage or station there will be a minimum effect on working areas of the mine or on underground installations including shafts, powder magazines, refuge stations, transformer installations and other installations;
- (c) have a concrete floor without service pits in the floor; and
- (d) be equipped with a system to contain spills of oil and grease.

(2) A service garage shall accommodate the longest and widest vehicle that will use the station with adequate clearance to permit safe performance of all work therein.

(3) A fuelling station shall be established before a heading has advanced 250 metres from the ramp or shaft unless vehicles can be fuelled at another fuelling station.

(4) A fuelling station shall be separate from a service garage.

(5) A vehicle shall be fuelled where practicable at a fuelling station.

(6) Where a mobile fuelling supply tank is used the tank shall be clearly labelled with "No Smoking" signs.

(7) Any spillage of oil or fuel shall be taken up at once, deposited in a fireproof receptacle and removed from the mine without undue delay. O. Reg. 660/79, s. 115.

## PART VI

### EXPLOSIVES

**116.** Where an explosive is used in an underground mine,

- (a) it shall be of Fume Class 1 rating as established by the Explosives Branch of the Department of Energy, Mines and Resources, (Canada); or
- (b) if other than of Fume Class 1 rating, a procedure shall be prepared and adopted by the supervisor in charge of the mine, to ensure that no worker is exposed to fumes that endanger his health or safety. O. Reg. 660/79, s. 116.

**117.**—(1) Explosives stored or kept at a mine or mining plant shall be used only for the purpose of the mine or mining plant and if not so used, returned to the supplier of the explosives.

(2) Smoking shall not be permitted and no fire or naked flame shall be taken,

- (a) within a magazine; or
- (b) within eight metres of any explosive.

(3) Any careless act of placing or handling explosive shall be,

- (a) reported forthwith to a supervisor in charge of the work place;
- (b) investigated by the supervisor; and
- (c) reported forthwith by the supervisor to an inspector.

(4) No explosive shall be used to blast or break up ore, salamander or other material where, by reason of its heated condition, there is any danger or risk of premature explosion of the charge.

(5) When operations at a mine are discontinued, or are suspended for a period of more than three months,

- (a) all explosives shall be disposed of in a safe manner; and
- (b) all magazine licences shall be returned to an inspector. O. Reg. 660/79, s. 117.

**118.**—(1) Explosives kept or stored on the surface shall be kept or stored in a licensed magazine,

- (a) constructed in conformity with the Standards for Blasting Explosive Magazines, established under the *Explosives Act* (Canada);
- (b) situated so that the accidental explosion of its contents is not likely to cause injury to persons or damage to,
  - (i) other buildings, and
  - (ii) electrical installations or supply lines;

(c) protected by a fire break;

(d) protected against lightning;

(e) conspicuously marked by "DANGER—EXPLOSIVES" signs posted beside the road approaches to the magazine; and

(f) in accordance with the requirements set out in the licence for the magazine.

(2) An application for a licence for a magazine on the surface shall be made in writing to an engineer of the Ministry and shall be accompanied by plans and specifications showing the design and proposed location of the magazine and of all buildings or structures located on the site and on the lands adjacent thereto. O. Reg. 660/79, s. 118.

**119.**—(1) Explosives in an underground mine shall be kept or stored in a magazine but where less than 160 kilograms of explosives are kept or stored in the underground mine they may be kept or stored in suitable storage containers at locations removed from drilling and blasting operations.

(2) A magazine in an underground mine shall be licensed if it is being used to keep or store,

- (a) more than 1,360 kilograms of explosives; or
- (b) the necessary supply of explosives for more than five working days.

(3) An application for a licence for a magazine in an underground mine shall be made in writing to an engineer of the Ministry and shall be accompanied by plans and specifications showing the design and proposed location of the magazine.

(4) Explosives kept or stored in a licensed magazine in an underground mine shall be kept or stored in accordance with the requirements set out in the licence.

(5) Notwithstanding subsection (1), where long hole blasts or similar blasting operations are being carried on in an underground mine, such quantities of explosives as can be loaded in a twenty-four hour period together with an amount that may be necessary to maintain that supply may be kept in a suitable storage place that is not a magazine.

(6) Licences for magazines on the surface or in an underground mine issued under Part IX of *The Mining Act*, being chapter 274 of Revised Statutes of Ontario, 1970, prior to the 1st day of October, 1979 are continued in force as if issued under this Regulation. O. Reg. 660/79, s. 119.

120. A magazine or storage container in an underground mine shall be,

- (a) located at least sixty metres from a,
  - (i) shaft,
  - (ii) hoist room,
  - (iii) main access ramp,
  - (iv) refuge station, or
  - (v) transformer vault;
- (b) located so that there is no possibility of a vehicle colliding with a storage container;
- (c) located so that in case of fire in the mine the explosives are not likely to become overheated; and
- (d) conspicuously marked by a "DANGER—EXPLOSIVES" sign or signs. O. Reg. 660/79, s. 120.

121.—(1) A licensed magazine shall be,

- (a) under the control and direction of a competent person;
- (b) kept securely locked at all times when the competent person referred to in clause (a) is not present.

(2) A record for every licensed magazine shall be kept of explosive received and issued showing,

- (a) the date of receipt or issue;
- (b) the quantity and type of explosive received or issued; and
- (c) the particular work place to which the explosive is issued.

(3) A weekly inspection of all storage containers and magazines shall be carried out by a competent person who shall report in writing to a supervisor as to the conditions and the quantities stored therein.

(4) Reports required by subsection (3) shall be kept for a period of at least six months. O. Reg. 660/79, s. 121.

122.—(1) Every magazine and every storage container shall be kept clean, dry and free from grit at all times.

(2) The floors and shelves of a magazine where nitroglycerine explosives are kept shall be treated with a neutralizing agent to remove any traces of nitroglycerine.

(3) When explosive is issued or removed from a magazine, the explosive longest in the magazine, if not defective, shall be used first.

(4) Explosive that is defective shall be disposed of in a safe manner.

(5) No unused explosive shall be left in or about any working place but shall be returned to storage.

(6) Detonators and capped fuse shall be stored in a separate, suitable, closed storage container located at least eight metres from any other explosive.

(7) Explosive shall not be heated above the ambient temperature of its storage place. O. Reg. 660/79, s. 122.

123. Where, in a magazine or a storage place, electric fixtures or wiring are installed or used,

- (a) wiring shall consist of,
  - (i) moisture-proof armoured cable, or
  - (ii) rigid conduit with water-tight joints;
- (b) lighting fixtures shall have dust-tight enclosures;
- (c) heaters shall,
  - (i) operate at a low surface temperature,
  - (ii) be of a type suitable for an explosive environment, and
  - (iii) be protected against operating in excess of 125 per cent of capacity;
- (d) lighting circuits shall be protected against operating in excess of ten amperes;
- (e) switches and protective devices shall be located outside the magazine or placed in a fire-resistant enclosure;
- (f) metal parts shall be bonded and grounded; and
- (g) the electric system shall be protected against a lightning strike or surge. O. Reg. 660/79, s. 123.

124. A motor vehicle when transporting explosives on the surface at a mine or plant shall,

- (a) be kept in sound mechanical condition;
- (b) be conspicuously marked by red signals or flags easily visible from front, rear and both sides;
- (c) have all metal parts that could come in contact with containers of explosives covered with wood, tarpaulin or similar non-sparking material;
- (d) not be used to transport other goods or materials at the same time as explosives are being transported;
- (e) be equipped with a type ABC fire extinguisher;
- (f) not be loaded in excess of its rated carrying capacity;
- (g) have explosives secured or fastened so as to prevent any part of the load from becoming dislodged;
- (h) transport detonators with other explosives only if the detonators are,
  - (i) in a suitable container in a separated compartment, and
  - (ii) 5,000 or less in number;
- (i) be attended at all times; and
- (j) carry only those persons necessary for handling explosives. O. Reg. 660/79, s. 124.

125.—(1) Except as provided for in subsection (2), explosives transported at a mine shall,

- (a) be in suitable closed containers;
  - (b) have detonators, blasting caps and capped fuses kept separate from other explosives.
- (2) Capped fuses may be transported with other explosives without placing them in a container if they are kept separate from other explosives.
- (3) Primers shall be made up,
    - (a) as near to their point of use as is practicable; and
    - (b) only in sufficient numbers for the immediate work in hand.
  - (4) Made-up primers shall be transported,
    - (a) in separate, suitable, closed containers conspicuously marked with the words "DANGER—EXPLOSIVES"; and

(b) in a separate vehicle or conveyance from other explosives. O. Reg. 660/79, s. 125.

126.—(1) When transporting explosives in a shaft conveyance the worker in charge of the operation shall give or cause to be given notice of the operation to the deckman and hoistman.

(2) No worker shall,

- (a) place in;
- (b) have while in; or
- (c) take out of,

a shaft conveyance any explosive except under the immediate supervision of a worker authorized for the purpose by a supervisor.

(3) No other material shall be transported with explosives in a shaft conveyance. O. Reg. 660/79, s. 126.

127.—(1) Explosives shall be removed without delay from,

- (a) near the shaft collar;
- (b) other entrances to the underground workings; and
- (c) a shaft station.

(2) Explosives underground shall be transported from a magazine to other magazines or place of use,

- (a) without delay; and
- (b) by the most direct and safe route. O. Reg. 660/79, s. 127.

128.—(1) Where explosives are transported underground by means of a motor vehicle or a train,

- (a) the speed of the vehicle or train shall not exceed ten kilometres per hour; and
- (b) specific arrangements for the right of way of the vehicle or train shall be made before the vehicle or train is put in motion.

(2) Where explosives are transported underground by means of a train,

- (a) the motor vehicle running on rails shall be maintained on the forward end of the train unless a worker walks in front of the train to effectively guard it;
- (b) a car carrying explosives shall be separated from the motor vehicle by an empty car or spacer of equivalent length;
- (c) no explosives shall be carried on the motor vehicle; and

- (d) every car carrying explosives shall be protected from contact with a trolley wire.

(3) Where a motor vehicle, other than a motor vehicle running on rails, is used for the transportation of explosives underground in a mine, the requirements of section 124, except clauses (b) and (c), apply with necessary modifications. O. Reg. 660/79, s. 128.

129.—(1) Subject to subsection (2), before drilling or sampling is commenced in a working place in a mine, the exposed faces shall be,

- (a) washed with water; and
- (b) carefully examined for misfires, cut-off holes and remnants of blasted holes.

(2) In gypsum mines and in mines containing soluble minerals and salts where water cannot be used,

- (a) an alternate method shall be used for checking each face for misfires and cut-off holes; and
- (b) a written procedure detailing the method shall be prepared and followed.

(3) Where practical, after the face has been checked all remnants of blasted holes shall be conspicuously marked by,

- (a) a ring of contrasting paint or crayon; and
- (b) inserting sticks or plugs into the holes for lifter remnants in a heading.

(4) No drilling or sampling shall be done in a mine within 160 millimetres of any hole that has been blasted or any remnant of such hole.

(5) No drilling or sampling shall be done in a mine within 1.5 metres of any hole containing explosives.

(6) No development heading shall be abandoned or work therein discontinued until,

- (a) the material broken at the firing of the last round has been cleared from the face; and
- (b) the whole face of the heading examined for explosives in misfires or remnants of holes. O. Reg. 660/79, s. 129.

130.—(1) Subject to subsection (2), any explosive charge that has misfired or cut off,

- (a) shall not be withdrawn; and
- (b) shall be blasted without undue delay at a safe and suitable time.

(2) Except for nitroglycerine sensitized explosives, water soluble explosives may be washed out of the hole by means of an approved device.

(3) When a worker fires any charges he shall, where possible, count the number of shots and if a misfire is suspected shall report it to his supervisor.

(4) Where at the end of a shift a misfire is suspected, or if a misfire has been reblasted and it has not been checked, such fact, together with the location of the hole, shall be recorded in the shift log. O. Reg. 660/79, s. 130.

131.—(1) Drill holes shall be of sufficient size to admit the free insertion to the bottom of the hole of a cartridge of explosive or a loading hose.

(2) Before charging a hole with explosives, the hole shall be cleared of all obstructions. O. Reg. 660/79, s. 131.

132.—(1) Drilling or undercutting and charging operations at a mine shall not be carried on simultaneously,

- (a) on the same face above or below each other; or
- (b) within eight metres horizontal distance of each other.

(2) In charging holes for blasting, no iron or steel tool or rod shall be used.

(3) No iron or steel tool shall be used in any hole containing explosive.

(4) Drill holes charged with explosives shall,

- (a) have a properly prepared detonating agent placed in the charge;
- (b) be fired in their proper sequence;
- (c) when loaded in one loading operation, be blasted in one blasting operation, except where a procedure for doing otherwise has been prepared and adopted by the supervisor in charge of the mine; and
- (d) when primed, not be left unfired, but shall be fired at the time for blasting required by the supervisor in charge of the mine.

(5) Except when blasting electrically or when only one charge is to be fired, there shall be at least two workers present at a blasting operation.

(6) Except when the blasting operation is conducted on surface in daylight or under artificial light, every worker engaged in a blasting operation shall carry a light.

(7) Where detonating cord is used,

- (a) loading shall be completed in all holes; and
- (b) all equipment not required for the loading operation shall be removed from the blast site before,

- (i) cords are interconnected between holes or attached to trunk line circuits, and
  - (ii) delay devices or initiating detonators are attached to trunk line circuits.
- O. Reg. 660/79, s. 132.

**133.** Where holes are loaded pneumatically with explosives,

- (a) only semi-conductive hoses manufactured for such purpose shall be used;
  - (b) pneumatic loading equipment shall not be grounded directly to pipes, rails or other similar continuous conductors; and
  - (c) where electrical blasting caps are used,
    - (i) no plastic or other non-conducting liners shall be used, and
    - (ii) the cap shall not be placed in the hole until the pneumatic loading of the hole has been completed, except where a procedure for doing otherwise has been prepared and adopted by the supervisor in charge of the mine.
- O. Reg. 660/79, s. 133.

**134.**—(1) Before blasting,

- (a) guards shall be placed to prevent inadvertent access at all entrances or approaches to the place where,
  - (i) the blasting is to take place,
  - (ii) the safety of persons may be endangered by the blasting, or
  - (iii) a diamond drill hole intersection may connect with the blast;
- (b) the worker doing the blasting shall,
  - (i) give or cause to be given due warning in every direction by shouting "FIRE", or give warning of a primary blast by siren where the extent of the operation makes shouting ineffective,
  - (ii) satisfy himself that all persons have left the work place or the vicinity except those required to assist him in blasting and guarding, and
  - (iii) take necessary precautions to ensure that all areas of the mine to be affected by the blasting operation are vacated.

(2) In surface mines,

- (a) the warning of a primary blast by siren shall be given,

- (i) at least five minutes prior to the blast, and
- (ii) again at one minute prior to the blast;
- (b) where it is necessary to stop traffic on a public road,
  - (i) signs shall be posted to warn traffic of the impending blast, and
  - (ii) guards equipped with suitable red flags shall be posted to stop traffic prior to the blast;
- (c) an all-clear signal shall be sounded after all danger from the blast has passed; and
- (d) where a worker is required near the blast area, blasting shelters shall be provided.

(3) Where contiguous or adjacent claims or mines are being worked, and there is disagreement as to the time of setting off blasts, an owner or employer may appeal to an engineer of the Ministry, who shall decide upon the time at which blasting operations thereon may be performed. O. Reg. 660/79, s. 134.

**135.** A competent person shall be appointed to be in charge of blasting at a surface mine and at a mining plant. O. Reg. 846/79, s. 10.

**136.** The competent person in charge of the blast at a surface mine shall keep a record of each primary blast signed by him recording,

- (a) the date, time and location of the blast;
- (b) the burden, spacing, depth and number of holes blasted;
- (c) the weight of explosives, and the length of top stemming and firing delay detonators used in respect of each hole;
- (d) the weight of explosives used per estimated tonne broken;
- (e) the wind direction and velocity at the time of the blast; and
- (f) the atmospheric conditions, whether clear or overcast. O. Reg. 660/79, s. 136.

**137.** A vehicle shall not be driven, parked or located over or under loaded holes except where a procedure for doing so has been prepared and adopted by the supervisor in charge of the mine. O. Reg. 660/79, s. 137.

**138.** Before a connection is made between two underground working places,

- (a) an examination shall be made of the workings towards which the active working is advancing, where practicable, to determine that the work can proceed in a safe manner; and

(b) when the distance between the working places is less than,

- (i) twice the length of the longest drill steel used, or
- (ii) a minimum of five metres from the bottom of the longest hole,

all approaches to both working places shall be guarded before blasting. O. Reg. 660/79, s. 138.

139. Where safety fuse is used in any blasting operation,

- (a) no fuse shorter than one metre shall be used;
- (b) no fuse shall be lighted at a point closer than one metre from the capped end;
- (c) capped fuses shall be supplied in standard lengths;
- (d) the uncapped ends of fuses of the same length shall be identified;
- (e) where more than one charge is to be fired, each fuse connected to a charge shall be lighted by a suitable and reliable timing device; and
- (f) where igniter cord is used, no connections shall be made to fuses until all holes are loaded. O. Reg. 660/79, s. 139.

140.—(1) Subject to subsections (4) and (5), a person shall not return to a work place affected by a blasting operation until the minimum periods of time prescribed in subsections (2) and (3) have elapsed.

(2) Where safety fuses are used, the minimum period of time is the number of minutes calculated from the time when the last shot is heard by multiplying the length of the longest fuse used in the blast by seven for the length measured in metres.

(3) Where electrically fired delay action detonators are used and a shot is heard, the minimum period of time is ten minutes from the time when the blasting circuit is closed.

(4) Where electrically fired delay action detonators are used and no shot is heard, no person shall return to the work place affected by the blasting operation until the worker doing the blasting has,

- (a) disconnected the lead wires from the power source and short-circuited them; and
- (b) where a blasting switch is employed, locked it in the open position.

(5) In the case of a suspected misfire, thirty minutes shall elapse from the time when the last shot

was heard before any person returns to the scene of the blast.

(6) When a misfired hole, that contains or might contain an old fuse or primer, is reblasted, the time that shall elapse before a person returns to the work place affected by the blasting operation shall be at least thirty minutes from,

- (a) the time of lighting the fuse; or
- (b) where more than one shot is involved, from the time the last shot is heard. O. Reg. 660/79, s. 140.

141.—(1) Blasting in a shaft, shaft station or other workings being driven from a shaft shall be done by means of electricity,

- (a) after the first three metres of advance has been made in the shaft; and
- (b) until such time as the permanent timbers and ladders have reached the level upon which blasting is being done.

(2) Blasting in a raise, where free escape is not readily available, shall be done by means of electricity from a safe location outside the raise. O. Reg. 660/79, s. 141.

142. When blasting by means of electricity,

- (a) where balanced circuits are required, each circuit shall be tested before firing with a suitable galvanometer or other similar suitable instrument;
- (b) where electric blasting caps are used,
  - (i) the protective shunt shall not be removed from the leg wire until connections are made,
  - (ii) the leg wire shall not be shortened to less than one metre,
  - (iii) the firing cables leading to the face or faces shall be short-circuited while the leads from the blasting caps are being connected to each other and to the firing cables,
  - (iv) the short-circuit prescribed in sub-clause (iii) shall not be removed until all workers have left the work places to be affected by the blasting operation, and
  - (v) the short-circuit prescribed in sub-clause (iii) shall be located so that a premature explosion will be harmless to the worker opening the short-circuit; and
- (c) before any person returns to the work place affected by the blasting operation,

- (i) the firing cables shall be removed from the battery, blasting machine or other source of electricity and shall be short-circuited, and
- (ii) the blasting switch shall be locked in the open position. O. Reg. 660/79, s. 142.

143.—(1) Where the source of current is a portable direct current battery or blasting machine the firing cables or wires shall,

- (a) not be connected to the source of current until,
    - (i) the work place to be affected by the blasting operation has been cleared of persons, and
    - (ii) immediately prior to blasting; and
  - (b) be disconnected and short-circuited immediately after the blast has been fired.
- (2) A blasting machine shall,
- (a) be of a type and design specifically manufactured for the purpose;
  - (b) be kept in good mechanical and electrical condition;
  - (c) be tested regularly using methods specified by the manufacturer;
  - (d) be tested before any blasts that may require the maximum output of the machine;
  - (e) be clearly marked with the capacity of the machine; and
  - (f) not be used in excess of its rated capacity. O. Reg. 660/79, s. 143.

144. Blasting cables and blasting wires shall,

- (a) be distinguished from other cables and wires;
- (b) be used for blasting purposes only; and
- (c) not come into contact with,
  - (i) detonating cords,
  - (ii) power, lighting or communication cables, or
  - (iii) pipes, rails or other continuous metal grounded circuits. O. Reg. 660/79, s. 144.

145.—(1) When a common electrical source is used to fire blasts in more than one work place provision shall be made for,

- (a) the continued shorting of the blasting cables;
- (b) a three-way switch for each individual blasting circuit which can be locked in either the shorted or closed position to provide for,
  - (i) shorting of the circuit,
  - (ii) energizing of the circuit, and
  - (iii) testing of the circuit;
- (c) identification of blasting cables and switches; and
- (d) a written blasting procedure setting forth,
  - (i) the method of connecting the blasting wires to the electrical supply,
  - (ii) the evacuation of all workers from the area of the blast, and
  - (iii) the method of testing the system to ensure that the proper connections have been made.

(2) The written blasting procedure shall be followed. O. Reg. 660/79, s. 145.

146.—(1) Circuits from a source other than from a portable hand-operated device used for blasting shall be,

- (a) from an isolated, ungrounded power source; and
  - (b) used for blasting only.
- (2) A blasting device shall,
- (a) be designed for the purpose;
  - (b) be kept in good mechanical and electrical condition;
  - (c) be constructed so that it automatically opens the circuit by gravity to short-circuit the blasting conductor;
  - (d) have the live side enclosed within a fixed box with a door,
    - (i) that can be locked and unlocked only by the worker doing the blasting, and
    - (ii) so arranged that the door cannot be closed unless the contacts of the firing circuit are in the opened and shorted position; and
  - (e) where the power source exceeds 300 volts be electromagnetically operated. O. Reg. 660/79, s. 146.

147.—(1) No electrical blasting circuit connections shall be made on or near to surface or in or near to a shaft during an electrical storm in the vicinity.

(2) No radio transmitter shall be operated within twenty metres of an area where electric blasting operations are about to be carried out. O. Reg. 660/79, s. 147.

## PART VII

### ELECTRICAL

148.—(1) Electrical installations and equipment shall meet the standards set out in CSA Standard C22.1-1975 *The Canadian Electrical Code, Part I*, "Safety Standards for Electrical Installations", except as otherwise prescribed by this Regulation.

(2) Notwithstanding subsection (1), Part V of *The Canadian Electrical Code* does not apply to electrical installations and equipment in mines.

(3) The quantity and trade name of any liquid insulant or coolant when in excess of one litre shall be shown on the name plate of the electrical equipment in which it is contained.

(4) A person who is competent in the electrical trade shall be appointed to be in charge of electrical equipment. O. Reg. 660/79, s. 148.

149. An inspector shall be notified of any intent to make,

- (a) a major electrical installation including the installation of any oil filled transformer in an underground mine;
- (b) an installation of a radio-frequency transmitter;
- (c) a major telephone installation; or
- (d) a major alteration or addition to existing electrical, radio-frequency or telephone installations. O. Reg. 660/79, s. 149.

150. Wiring that is out of service or damaged shall be disconnected and,

- (a) removed; or
- (b) when left in place, have any bare conductors capped. O. Reg. 660/79, s. 150.

151. Temporary electrical installations may vary from the requirements prescribed for the protection of electrical equipment to provide emergency electrical service only for the period of the emergency if the variation affords protection equal to or greater than the requirements prescribed. O. Reg. 660/79, s. 151.

152.—(1) Electrical work shall not be performed on live equipment except where,

- (a) live line techniques are used;
- (b) approved live line equipment is used;
- (c) no hazard from explosive or flammable materials exists; and
- (d) all necessary precautions to work safely are taken.

(2) Except as provided for in subsection (1), no object shall be brought closer than the distance specified in column 2 of the following Table to an exposed, energized overhead electric supply line of the voltage specified in column 1;

TABLE

COLUMN 1	COLUMN 2
Voltage of Powerline	Minimum Distance
300 to 150,000 volts	3 metres
150,000 to 250,000 volts	4.5 metres
Over 250,000 volts	6 metres

(3) Precautions to guard workers against injury by moving or energized parts shall be taken before maintenance, repair or adjustment work is performed on a machine that is energized.

(4) No energized bare part of electrical equipment shall be permitted within 1.5 metres horizontally or 2.5 metres vertically of a landing or walkway.

(5) Machines that have movable or extendable booms shall not be operated in close proximity to energized electrical supply lines unless,

- (a) the operator of the machine has been authorized to perform such work; and
- (b) there is a clearance between any part of the machine and the energized line that is more than the greater of,
  - (i) one half the maximum horizontal reach of the boom, or
  - (ii) the distance determined under subsection (2);
- (c) the lines are disconnected and grounded;
- (d) the machine is a railroad crane operating on railroad tracks and the supply line is energized to less than 750 volts direct current; or

- (e) the supply lines are guarded against contact by any part of the machine or its load. O. Reg. 660/79, s. 152.

**153.**—(1) All switches controlling electrical equipment or lines shall be locked and tagged in the open position while work is being done on the equipment or lines but the locking device may be omitted where,

- (a) the locking device in itself creates a hazard due to a switch design; or
- (b) circuit breakers or fuses for voltages of less than 150 volts to ground are not equipped with a means of locking.

(2) Notwithstanding subsection (1), locking and tagging is not required where live work is permitted by subsection 152 (1).

(3) A tag required by subsection (1) shall,

- (a) be secured to prevent its inadvertent removal;
- (b) state the reason the switch is opened;
- (c) show the name of the person responsible for opening the switch; and
- (d) show the date on which the switch was opened.

(4) Tags on electrical equipment shall be of non-conducting materials. O. Reg. 660/79, s. 153.

**154.** A portable ladder which has metal or metal reinforced side rails shall not be,

- (a) stored in or about electrical equipment having energized and exposed parts; or
- (b) used about electrical equipment having energized exposed parts. O. Reg. 660/79, s. 154.

**155.**—(1) On each ungrounded utilization system over 300 volts, a device shall be installed for the purpose of indicating ground faults.

(2) A device required by subsection (1) shall be provided with,

- (a) short-circuit protection; and
- (b) disconnecting means.

(3) A ground fault shall be removed without delay. O. Reg. 660/79, s. 155.

**156.**—(1) The supports for electrical equipment and the compartments in which it is installed shall be of such material and arranged in such a manner as to reduce the potential for a fire to a minimum.

(2) No flammable material shall be stored or placed in the same compartment as electrical equipment.

(3) Lamps or heating units shall be installed and protected so as to prevent the heat generated from causing a fire.

(4) A fire extinguishing device shall be provided in each area where electrical equipment creates a fire hazard.

(5) The fire extinguishing device prescribed in subsection (4) shall be,

- (a) of a type approved for use on electrical fires;
- (b) of a size recommended for the size and type of equipment;
- (c) located convenient to an exit from the area; and
- (d) maintained in condition for immediate use. O. Reg. 660/79, s. 156.

**157.**—(1) Electrical mobile equipment operating at more than 300 volts to ground shall be supplied by a system wherein,

- (a) the neutral is grounded through a current limiting device in such a manner as to limit the possible rise of ground fault potential to a maximum of 100 volts to ground; and
- (b) ground fault protection is provided.

(2) Electrical mobile equipment in use on the 1st day of October, 1979 may continue to be used notwithstanding that the equipment does not comply with subsection (1) but a program to bring such equipment into compliance with subsection (1) shall be initiated within two years after that date. O. Reg. 660/79, s. 157.

**158.** Every electric cable supplying power to electric mobile equipment shall,

- (a) meet or exceed Insulated Power Cable Engineers Association (IPCEA)—National Electrical Mechanical Manufacturers Association (NEMA) Standards No. S-66-524, S-68-516 or S-19-81;
- (b) be in an assembly that is cabled together;
- (c) be insulated for the voltage level;
- (d) be large enough to carry the maximum design current of the equipment without being overloaded;
- (e) be able to carry any fault currents that may be produced;

- (f) be built for the conditions of use;
- (g) be built to facilitate ground fault protection;
- (h) when over 750 volts have shielding to dissipate inductive charges;
- (i) when in use underground have an outer covering that,
  - (i) will not support combustion, and
  - (ii) is continually identified as having such a covering; and
- (j) be secured and protected against physical damage. O. Reg. 660/79, s. 158.

159.—(1) Except for fuses, protective devices for installations that operate in excess of 750 volts shall be tested to determine that the devices are protecting the equipment from being operated in excess of its design capabilities before initial use and after each three years of use.

(2) The results of the tests required by subsection (1) shall be recorded in a record book. O. Reg. 660/79, s. 159.

160. Clause 36-204 of CSA Standard C 22.1-1975 is modified to the extent that a single pole disconnecting fuse of adequate interrupting capacity may be used to protect a transformer whose capacity is 100 kilovolt-amperes per phase or less when operating at a voltage less than 7,500 volts. O. Reg. 660/79, s. 160.

161. Identifying barriers shall be provided between circuits where more than one set of single pole, open blade type isolating switches are installed adjacent to each other. O. Reg. 660/79, s. 161.

162.—(1) Each circuit operating at over 300 volts shall have a means by which it can be disconnected from its source of power.

(2) The means referred to in subsection (1) shall,

- (a) be as close as practical to its source of power supply; and
- (b) when in the opened position provide a separation between the fixed and movable current carrying parts that is readily visible. O. Reg. 660/79, s. 162.

163.—(1) The power supply to a motor shall not be run through the enclosure of the controller for another motor.

(2) A motor branch circuit shall be arranged so that when its disconnecting means is opened, all parts on the load side within the controller enclosure are de-energized. O. Reg. 660/79, s. 163.

164.—(1) Transformers installed on the surface that contain flammable oil shall,

- (a) be located at least fifteen metres from a shaft house or any combustible building attached thereto; and
- (b) be provided with a means to contain or direct away from the shaft house or combustible buildings any oil that may leak from the transformer.

(2) Transformers containing flammable oil when installed in an underground mine shall be in a vault that,

- (a) subject to subsection (3), when measured along mine workings, is located at least sixty metres from any magazine or mine shaft;
- (b) is provided with a sump of sufficient size to contain all the oil in the transformers;
- (c) is protected with a suitable system for suppressing a fire;
- (d) is protected by a fire door and automatically activated ventilation covers; and
- (e) contains only those materials necessary for the maintenance of the transformers and their equipment.

(3) Transformers exceeding five kilovolt-amperes capacity shall be located at least fifteen metres distant when measured along mine workings from a magazine. O. Reg. 660/79, s. 164.

165.—(1) Main electrical substations installed on the surface on or after the 1st day of October, 1979 shall be located at least 100 metres from a magazine.

(2) Only authorized persons shall be permitted access to switchboards or switchrooms that contain bare energized parts.

(3) Switchboards shall be made of materials that are non-combustible. O. Reg. 660/79, s. 165.

166.—(1) The installations of electrical supply, communications, railway signal and trolley lines shall meet the standards set out in Part III of *The Canadian Electrical Code, C.22.3 No. 1, 1976* "Overhead Systems and Underground Systems".

(2) Electrical supply lines carried over public railways or over or under navigable waters shall comply with the requirements of the Canadian Transportation Commission.

(3) Electrical supply lines and equipment shall be,

- (a) of a design and construction suitable for the type of service and conditions of use; and
- (b) so installed and maintained as to reduce the risk of a fire or injury to persons to a minimum.

(4) Electrical supply lines shall be located at least sixty metres from a magazine on surface. O. Reg. 660/79, s. 166.

167. Any device or system that is capable of producing radio frequencies or of radiating electromagnetic energy shall,

- (a) be tested for hazards to electric blasting caps as specified in CSA Standard Z-65-1966, "Radiation Hazards from Electronic Equipment"; and
- (b) be used only when precautions are taken against,
  - (i) setting off any electric blasting caps, and
  - (ii) the inadvertent operation of any blasting or any other device which may respond to the radio frequencies or the radiated energy. O. Reg. 660/79, s. 167.

168.—(1) Cables supplying electrical power from surface to underground shall be fed through a circuit breaker located on surface.

(2) Only an authorized person shall be permitted access to the circuit breaker.

(3) No cables shall be spliced in a shaft except for a temporary period where emergency power is required.

(4) Except when supplying electric mobile equipment, cables transmitting power underground shall,

- (a) be armoured or protected by metal conduit when operating at over 150 volts to ground; and
- (b) have any outer jackets made of material that will not support combustion.

(5) A certificate showing the voltage for which a cable was built shall be obtained by the user for a cable in use in a shaft or underground when operating in excess of 750 volts.

(6) Before installing a cable to be used in a shaft or underground in excess of 750 volts tests shall be conducted on the insulation to determine it is in safe condition for the voltage at which it will be used and a record of such tests shall be kept. O. Reg. 660/79, s. 168.

169. Where an internal grounding conductor or the armouring or casing of cables underground does not provide a grounding circuit of adequate size, a non-corrosive grounding conductor of adequate size shall be run from such equipment to a grounding point on surface. O. Reg. 660/79, s. 169.

170. Junction boxes for a cable transmitting power at a potential exceeding 300 volts shall not be located in a shaft or directly attached to any timber at a shaft station or headframe. O. Reg. 660/79, s. 170.

171. Unarmoured signal and telephone cables shall be prevented from coming into contact with electrical equipment. O. Reg. 660/79, s. 171.

172. The voltage of any underground lighting circuit shall not exceed 150 volts to ground except in circuits using direct current where the voltage shall not exceed 300 volts to ground. O. Reg. 660/79, s. 172.

173. In an underground mine trolley lines shall,

- (a) be at an elevation greater than 1.8 metres above grade;
- (b) operate at a potential not exceeding 300 volts to ground; and
- (c) be guarded against inadvertent contact by a worker. O. Reg. 660/79, s. 173; O. Reg. 846/79, s. 11.

## PART VIII

### MECHANICAL

174.—(1) An explosive actuated fastening tool shall,

- (a) when in storage, be,
  - (i) accessible only to an authorized worker, and
  - (ii) kept in a locked container;
- (b) be maintained in proper condition; and
- (c) be serviced in accordance with the recommendations of its manufacturer.

(2) The shells for use with an explosive actuated tool shall,

- (a) be identified as to size and strength;
- (b) be kept in containers which contain only one size and strength;
- (c) not be left unattended except when in storage; and
- (d) when in storage be,
  - (i) accessible only to an authorized worker, and
  - (ii) kept in a locked container.

(3) The operator of an explosive actuated fastening tool shall,

- (a) be a competent person;
- (b) operate the tool in accordance with the manufacturer's instructions; and
- (c) ensure before use that the barrel is clean and free from any obstruction. O. Reg. 660/79, s. 174.

175.—(1) Before first using a diesel engine in an underground mine,

- (a) an engineer of the Ministry shall be advised in writing; and
- (b) a log book approved by the Ministry shall be obtained to record information prescribed to be kept therein.

(2) No gasoline or other volatile fuel shall be used in the starting mechanism for a diesel engine.

(3) The fuel for a diesel engine shall have,

- (a) a flash point greater than 52°Celsius when tested by a closed cup method; and
- (b) a sulphur content less than 0.25 per cent by weight.

(4) The undiluted exhaust gases from a diesel engine shall have less than 1,500 parts per million by volume of carbon monoxide. O. Reg. 660/79, s. 175.

176.—(1) A chart of procedures in the use and operation of diesel units shall be maintained and displayed in a central location.

(2) A positive flow of air to the work place where a diesel unit or units are operating shall be provided by a mechanical ventilation system. O. Reg. 660/79, s. 176 (1, 2).

(3) The flow of air prescribed in subsection (2) shall,

- (a) be at least 0.06 cubic metres per second for each brake kilowatt of the diesel unit or units operating in the work place; and
- (b) reduce the concentration of toxic substances in diesel exhaust emissions to prevent the exposure of a worker to such toxic substances in excess of the values adopted as criteria or guides under section 279. O. Reg. 846/79, s. 12

(4) Tests shall be made to determine,

- (a) the volume of air flowing in underground haulageways and workings where diesel equipment is working, at least weekly;
- (b) the carbon monoxide content of the undiluted exhaust discharging to atmosphere,
  - (i) at least weekly, and
  - (ii) immediately following repairs to the engine which may have altered its combustion characteristics;
- (c) the carbon monoxide content of the atmosphere at the operator's position,

(i) at least weekly, and

(ii) upon a request of the operator for cause;

(d) the nitrogen dioxide content of the atmosphere at the operator's position, at least weekly; and

(e) the aldehyde content of the atmosphere at the operator's position, at least every three months,

and the results of each test shall be entered in the log book required by subsection 175 (1). O. Reg. 660/79, s. 176 (4).

177. The exhaust of an internal combustion engine which is temporarily or permanently installed within a building on surface shall be,

(a) conducted to a point outside the building; and

(b) prevented from,

(i) re-entering the building,

(ii) entering the intake of any compressor,

(iii) contaminating the atmosphere of another building, and

(iv) contaminating mine workings. O. Reg. 660/79, s. 177.

178.—(1) A prime mover, machine, transmission equipment or thing that has an exposed moving part that may endanger the safety of any person shall be fenced or guarded unless its position, construction or attachment provides equivalent protection.

(2) A prime mover, machine, transmission equipment or thing shall be provided with a device that automatically prevents a worker operating it from coming in contact with any moving part.

(3) The travelway of a counterweight shall be guarded or located to prevent,

(a) inadvertent entry thereto by a worker; and

(b) injury to a worker should the counterweight become detached from its fastenings.

(4) Clearance sufficient for the safety of a worker shall be provided from the path of travel of,

(a) a load carried by a machine;

(b) a moving part of a machine; and

(c) another machine.

(5) A revolving set screw, bolt, key or other similar device shall be recessed, encased or guarded to prevent inadvertent contact by a worker.

(6) Where any work is being done on a prime mover or transmission equipment, the prime mover or transmission equipment shall have,

- (a) the operating controls tagged;
- (b) the moving parts stopped; and
- (c) the hydraulic, pneumatic or gravity stored energy dissipated or contained.

(7) A tag required by clause (6) (a) shall,

- (a) be secured to prevent its accidental removal;
- (b) state the reason the controls are tagged;
- (c) show the name of the person responsible for tagging the controls; and
- (d) show the date on which the controls were tagged. O. Reg. 660/79, s. 178.

179.—(1) A permit showing the maximum loading of persons and of materials that may be carried on an elevator shall be obtained from an inspector of the Ministry.

- (2) The permit shall be,
  - (a) posted in a location readily visible to a worker authorized to control the loading;
  - (b) kept in good condition; and
  - (c) in the following form:

PERMIT TO OPERATE AN ELEVATOR  
ONTARIO MINISTRY OF LABOUR

Permit No. ....

This permit, as required under the *Occupational Health and Safety Act* and subject to the limitations thereof, is granted to

.....  
Company

.....  
Address

to operate .....

installed at .....

the maximum capacity of which is .....kilograms

or ..... persons, including the operator.

Dated at ..... on ....., 19...

.....  
Inspector  
Occupational Health and  
Safety Division, Mining  
Health and Safety Branch

(3) The maximum loading set out in the permit shall not be exceeded.

(4) Before initial use, specifications for an elevator shall be submitted on Elevator Data Sheets to an inspector of the Ministry.

(5) An elevator installation shall meet the standards set out in CSA Standard No. B44-1975, "Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks".

(6) Each component that may affect the safe operation of an elevator shall be examined and tested by a competent person before an elevator is initially used and thereafter at intervals not exceeding one month.

(7) A log book shall be kept in which the date, findings and name of the competent persons performing the examinations and tests prescribed in subsection (6) shall be recorded.

(8) In addition to the standards required to be met under subsection (5), an elevator shall,

- (a) have a safe means of access to the machinery room which access shall be located outside the hoistway;
- (b) not have hoisting or balance ropes that are spliced;
- (c) have the entry to the machinery room restricted to authorized persons;
- (d) have a means by which a person stranded in an elevator can alarm persons outside the elevator when the elevator is operated on automatic control; and
- (e) have its controls and machine parts protected against physical damage, moisture, dust or extreme temperatures.

(9) The machinery room of the elevator shall be kept clean and contain only those materials required for the elevator. O. Reg. 660/79, s. 179.

180. Dumbwaiters, escalators or moving walks shall meet the standards set out in CSA Standard No. B44-1975, "Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks". O. Reg. 660/79, s. 180.

181.—(1) A manlift shall meet the standards set out in the Code for Manlifts dated the 25th day of September, 1979 and issued by the Ministry.

(2) Before the initial use of a manlift, drawings showing the arrangements of a manlift shall be submitted to an inspector.

(3) Each component which may affect the safe operation of a manlift shall be examined and tested by a competent person,

- (a) before initial use; and
- (b) at intervals not exceeding one month.  
O. Reg. 660/79, s. 181.

182. No worker shall be raised or lowered or be permitted to be raised or lowered at a surface mine or mining plant by any hoist, derrick, crane or similar device unless,

- (a) such device is examined and tested by a competent person;
- (b) a safe procedure for raising or lowering the worker is established and adopted by the supervisor in charge of the mine or mining plant;
- (c) there is a device by which the hoist operator and the worker being raised or lowered can exchange movement signals except where the worker being transported is visible at all times to the hoist operator. O. Reg. 660/79, s. 182.

183. No elevator, dumbwaiter, escalator, moving walk or manlift shall be used when a component, which may affect its safe operation, is defective. O. Reg. 660/79, s. 183.

184.—(1) A lifting device shall be,

- (a) designed to factors of safety recognized by good engineering practice;
- (b) installed in accordance with such design criteria;
- (c) provided with overwind protection if power operated; and
- (d) provided with an identification plate.

(2) The maximum load that a lifting device may carry, based on its design criteria, shall be established by its designer.

(3) A notice showing the maximum load established under subsection (2) shall be posted in a location visible to the operator of the device.

(4) Except during testing, the maximum load established under subsection (2) shall not be exceeded.

(5) Each component that may affect the safe operation of a lifting device shall be examined and tested by a competent person before initial use and thereafter at intervals not exceeding one year.

(6) The dates, findings and names of the competent persons performing the examinations and tests prescribed in subsection (5) shall be recorded and the records shall be kept available for inspection.

(7) Where a combination of lifting devices is used simultaneously, the work shall be supervised by a competent person. O. Reg. 660/79, s. 184.

185.—(1) A grinder shall be assembled and adjusted in accordance with the manufacturer's specifications.

(2) The maximum speed at which a grinding wheel may be operated shall be indicated on the wheel by the manufacturer.

(3) A grinding wheel shall be,

- (a) enclosed by a protective hood except for the area at the workrest;
- (b) stored where it will not be damaged by impact, extreme heat and cold;
- (c) stopped when the grinder or workrest is being adjusted; and
- (d) not operated in excess of the manufacturer's recommended maximum speed.

(4) The operator of a grinder shall wear eye protection.

(5) The workrest of a grinder shall be mounted above the centre line of the grinding wheel not more than three millimetres from the wheel.

(6) An air operated grinder shall have a governor to prevent its operation in excess of the rated speed of the grinding wheel.

(7) The governor required by subsection (6) shall be inspected regularly and maintained in proper operation. O. Reg. 660/79, s. 185.

186.—(1) Every supervisor of workers who performs welding, burning or cutting operations shall be a competent person.

(2) Every worker who as part of his work performs welding, burning or cutting operations shall be a competent person.

(3) Protection for workers to protect them against injury from fumes, radiation and electric arcs produced during welding, burning or cutting operations shall be provided and used.

(4) A device to extinguish a fire that may be caused by heat or cuttings produced during welding, burning or cutting shall be provided with each oxygen-acetylene unit.

(5) The device required by subsection (4) shall,

- (a) have a capacity for extinguishing a fire that is equal to or greater than a minimum Underwriters' Laboratories of Canada classification of 1A 10B; and

(b) be suitable for class A and B fires.

(6) Equipment for welding, burning or cutting shall be protected against physical damage and from damage by heat, fire and sparks.

(7) No gas welding, burning or cutting equipment shall be used unless it is free from defects, leaks, oil and grease.

(8) Acetylene cylinders shall be placed in an upright position for at least thirty minutes before use.

(9) Valve protection covers shall be in place on oxygen and acetylene cylinders,

(a) when the cylinders are empty;

(b) when the cylinders are not connected for use;

(c) before being left unattended when underground on portable units; and

(d) while being transported.

(10) The valves of oxygen and acetylene cylinders shall be closed when,

(a) a job is completed;

(b) the oxygen and acetylene cylinders are on portable units and unattended underground; and

(c) the oxygen and acetylene cylinders are transported.

(11) The regulators and manifolds of oxygen and acetylene cylinders shall be disconnected when the cylinders are being transported underground.

(12) Unless procedures for safe use have been established by a supervisor in charge of the work place, a charged gas system installed for welding, burning or cutting shall not be used for any other purpose.

(13) An insulated conductor of adequate size shall be used to carry the welding current back to an electric welder unless another safe return path has been provided.

(14) No welding, cutting, burning or soldering shall be done on a container in which an explosive or flammable substance has been stored unless the substance,

(a) has been completely removed; or

(b) has been made non-flammable or non-explosive.

(15) No explosive or flammable substance shall be put in a container on which welding, burning, cutting or brazing has been done until the container has cooled sufficiently to prevent ignition of the substance.

(16) A second worker who is a competent person shall attend oxygen and acetylene control devices when oxygen and acetylene cylinders are set up in,

(a) a position not readily available to the worker performing cutting, welding or burning operations; and

(b) a shaft conveyance while a worker is welding, burning or cutting on or from the conveyance. O. Reg. 660/79, s. 186.

187.—(1) A multi-girder top-running electric overhead travelling crane for general use shall meet the standards set out in CSA Standard B167-1964, "General Purpose Electric Overhead Travelling Cranes".

(2) An electric overhead travelling crane for steel mill service shall meet the standards set out in the Association of Iron and Steel Engineers Standard No. 6, "Specifications for Electric Overhead Travelling Cranes for Steel Mill Service". O. Reg. 660/79, s. 187 (1, 2).

(3) Every production crane shall be provided with,

(a) a safe means of access and egress for the operator from the cab mounted on the crane when,

(i) it is parked in the normal parking position, and

(ii) it cannot be brought to the normal parking position; and

(b) an alarm by which the operator can warn persons that may be endangered by the moving crane.

(4) Every service crane shall be provided with an alarm that is visible to persons in the vicinity of the crane when the crane is operating on,

(a) pendant control, where the worker controlling the crane does not have a clear view of the area in which the crane is operating; or

(b) radio frequency control.

(5) Every production crane and every service crane shall be provided with,

(a) protection against inadvertent operation by radio frequencies when equipped with radio frequency controls;

(b) an operating procedure to guard against colliding with other cranes on the same track;

(c) a load rating plate, stating the maximum load that can be carried by the crane, posted on the crane;

(d) a means by which the power conductors for the crane can be safely disconnected from the source of electrical supply; and

(e) a switch or circuit breaker by which the maximum power to the crane can be safely interrupted from the cab on the crane, unless the crane collectors can be safely removed. O. Reg. 846/79, s. 13 (1).

(6) Devices that may affect the safe operation of a crane shall be tested, serviced and examined by a competent person,

(a) before the crane is first put into service, in accordance with the test requirements contained in the CSA Standard B167-1964, "General Purpose Electric Overhead Travelling Cranes"; and

(b) at a frequency equal to or better than that recommended by the manufacturer of the crane.

(7) In addition to the requirements of subsection (6), devices that may affect the safe operation of,

(a) a production crane shall be tested daily when in use; and

(b) a service crane shall be tested daily when in use and the test shall be made before the first use of the crane on that day.

(8) The shafting of the drive train of a crane shall be examined by a competent person using ultrasonic methods to determine if it is in sound condition,

(a) before first being put to use; and

(b) at a frequency equal to or better than that specified by the competent person.

(9) A log book shall be kept for each crane and the log book shall contain,

(a) a record of the dates on which testing, servicing and inspections were performed;

(b) a record of the findings of any tests and examinations;

(c) a record of repairs and modifications performed and the signature of the person performing such work; and

(d) the signature of the supervisor authorizing the repairs or modifications referred to in clause (c).

(10) No crane shall be operated,

(a) when in the hoisting rope,

(i) the number of broken wires in one lay length exceeds 5 per cent of the total in the rope, or

(ii) defects that seriously affect its strength are known to exist;

(b) when a person is in the vicinity of the wheel tracks unless precautions have been taken to ensure his safety;

(c) by an unauthorized person;

(d) by a person who is not a competent person, except for the purpose of training;

(e) when any device that may affect safe operation is found to be faulty; and

(f) when the load exceeds the load rating of the crane, except for the purpose of a test.

(11) No person shall ride or be permitted to ride,

(a) on the load being carried by a crane;

(b) on a crane except,

(i) the crane operator and any trainee,

(ii) personnel performing maintenance, inspection, or testing of the crane,

(iii) supervisors, and

(iv) for the purpose of maintenance repairs from the crane when precautions for the safety of workers doing the repair have been implemented.

(12) A production crane shall be operated by a competent person who is in possession of a subsisting crane operator's medical certificate. O. Reg. 660/79, s. 187 (4-10).

(13) A person operating a production crane shall,

(a) be physically and mentally fit to discharge the duties of a crane operator;

(b) undergo a medical examination by a physician before commencing work as a crane operator and every twelve months thereafter;

(c) obtain a crane operator's medical certificate from the physician certifying that the person is physically fit to operate a crane and is not subject to any infirmity of body or mind that may interfere with the duties of a crane operator. O. Reg. 660/79, s. 187 (11); O. Reg. 846/79, s. 13 (2).

(14) The crane operator's medical certificate shall,

(a) expire one year from its date; and

(b) be kept on file and recorded on a posted list of active crane operators.

(15) The crane operator's medical certificate shall be in the following form:

*Occupational Health and Safety Act*CRANE OPERATOR'S MEDICAL  
CERTIFICATE

I have this day examined

name: ..... and  
certify he is physically fit to operate a crane and is not  
subject to any infirmity of body or mind that may  
interfere with the duties of a crane operator.

.....  
(signature of qualified medical  
practitioner)

.....  
(date)

O. Reg. 660/79, s. 187 (12, 13).

188.—(1) No person shall ride on a conveyor belt.

(2) A conveyor shall have,

- (a) a pull cord at accessible locations along the conveyor by means of which the conveyor can be stopped;
- (b) when the conveyor is started automatically, by remote control or where a portion or portions of the conveyor are not visible from the operator's position, a start-up warning device; and
- (c) head, tail, drive and tension pulleys guarded at any pinch point with guards that extend at least 0.9 metre from a pinch point.

(3) A pull cord required by clause (2) (a) shall,

- (a) be within easy reach of accessible locations along the conveyor; and
- (b) operate a manual reset type switch that stops the conveyor.

(4) Guards shall be provided beneath a conveyor,

- (a) that passes over a worker; or
- (b) from which falling materials or parts may endanger a worker.

(5) A conveyor in an underground mine shall have,

- (a) devices that guard against excessive slip between the belt and the driving pulley; and
- (b) a fire suppression system at the driven end unless fire retardent belting is used or the conveyor is continually attended by a worker.

(6) A conveyor shall be stopped and the prime mover de-energized, locked and tagged out when the conveyor is undergoing repairs, adjustments or maintenance unless,

- (a) it is necessary to run the conveyor during such work; and
- (b) special precautions are taken to prevent injury to a worker from moving parts.  
O. Reg. 660/79, s. 188.

189.—(1) A power driven raise climber shall,

- (a) have at least two independent means of braking,
  - (i) one of which shall be as close as practical to the final drive of the motor,
  - (ii) each capable of stopping and holding the climber with its maximum rated load, and
  - (iii) each arranged to permit independent testing;
- (b) have the maximum load that it may carry as certified by its manufacturer, displayed on the climber or at the raise service position;
- (c) be operated within the maximum load limit;
- (d) except when the track on which it operates is being extended, have a stop block to prevent the climber being taken beyond the track; and
- (e) have an effective means for communication between the climber and the raise service position. O. Reg. 660/79, s. 189 (1); O. Reg. 846/79, s. 14.

(2) A raise climber that is electrically powered shall,

- (a) not be operated in excess of 750 volts;
- (b) be protected by a ground fault system;
- (c) have a visible break switch at the raise service area by which its power can be isolated;
- (d) have a switch at the raise service area by which its power can be safely interrupted; and
- (e) have a control switch on the climber by which power to its motor can be removed.

(3) The electrical supply to a raise climber shall be disconnected while explosives and electric caps are being loaded into a position for blasting.

(4) A means by which workers can be reached and removed from a raise climber shall be available for use.

(5) Devices that may affect the safe operation of a raise climber shall be examined by a competent person,

(a) before the raise climber is first used at the raise and daily thereafter when in use; and

(b) during every major overhaul of the raise climber.

(6) A major overhaul shall be performed on a raise climber at the frequency recommended by the manufacturer of the climber or a competent person, whichever is the more frequent.

(7) A raise climber being used at a raise shall be cleaned thoroughly weekly.

(8) The brakes and controls of the raise climber shall be tested prior to first being used during a workshift.

(9) The main shafting of the drive train of a raise climber shall be examined by a competent person using ultrasonic methods to determine if it is in sound condition,

(a) before the raise climber is first put into service; and

(b) during every major overhaul of the raise climber and not less frequently than once for every 4,000 hours of use.

(10) A log book shall be kept for each raise climber and the log book shall contain,

(a) a record of the dates the examinations prescribed in subsections (5) and (9) are performed;

(b) a record of the findings during the examinations referred to in clause (a);

(c) a record of any repairs and modifications, and the signature of the person performing such examinations, repairs and modifications; and

(d) the signature of the supervisor authorizing the repairs and modifications referred to in clause (c). O. Reg. 660/79, s. 189 (2-10).

190.—(1) Procedures for the safe operation of a steam or compressor plant shall be prepared in writing and made available to the workers operating and maintaining the plant.

(2) A steam boiler or compressor to which the *Boiler and Pressure Vessels Act* does not apply shall be regularly cleaned and examined for proper and safe condition. O. Reg. 660/79, s. 190.

191.—(1) An air compressor driven by a prime mover exceeding twenty-five kilowatts when installed in an underground mine shall be,

(a) designed and installed so as to minimize the hazard of fire or explosion due to the accumulation of carbonaceous materials in the air system;

(b) provided with protective devices that prevent its operation if,

(i) the temperature of the air at the discharge line is in excess of normal,

(ii) the temperature of the compressor cooling water and cooling air is in excess of normal, or

(iii) the flow and pressure of compressor lubricating oil is below normal;

(c) provided with an alarm that,

(i) is audible and visible to the worker in charge of the compressor,

(ii) operates when a device as prescribed in clause (1) (b) is activated,

(iii) operates as long as the conditions exist that cause a device as prescribed in clause (1) (b) to operate.

(2) No protective device prescribed in clause (1) (b) shall be,

(a) capable of automatically restarting the compressor; and

(b) used, unless tested and found to function properly. O. Reg. 660/79, s. 191.

192.—(1) A reciprocating type air compressor driven by a prime mover exceeding thirty kilowatts, that is lubricated by oil and discharges to a closed system over 100 kilopascals, shall have,

(a) a temperature-indicating device installed at the high-pressure discharge pipe; and

(b) the normal operating temperature marked on the device.

(2) The discharge air temperature shall be,

(a) read at least once every operating shift; and

- (b) recorded in a compressor log book. O. Reg. 660/79, s. 192.

193.—(1) An operator of mobile cranes, shovels and boom trucks, or similar equipment, whereby rope is wound onto a drum driven by an engine for the purpose of raising, lowering or swinging materials, shall,

- (a) have a subsisting Hoisting Engineers Certificate issued under the *Operating Engineers Act*; or

- (b) be qualified in accordance with a program approved by the Director, when the person is an employee of the mine or mining plant.

- (2) An approved program referred to in clause (1) (b) shall consist of,

- (a) instruction time;

- (b) field time;

- (c) familiarization with the equipment to be used; and

- (d) a method of examination.

(3) Mobile cranes, shovels, boom trucks and similar equipment shall be inspected for safe and proper condition by a competent person,

- (a) before being used at the start of each work-shift; and

- (b) at regular intervals as recommended by the manufacturer. O. Reg. 660/79, s. 193.

## PART IX

### RAILROADS

194.—(1) Standard practices to govern the safe operation of a standard gauge railroad, a self-propelled track crane, motorized equipment used for the maintenance of a standard gauge railroad, a motor vehicle equipped with rail wheels in addition to rubber-tired wheels or other similar equipment shall be prepared in writing.

(2) A copy of the standard practices prepared in accordance with subsection (1) shall be provided to each railroad worker and each railroad worker,

- (a) shall be trained and instructed in and be knowledgeable of the standard practices for his work; and

- (b) shall have a copy of the standard practices readily available while on duty.

(3) Where a railroad of a mine or mining plant interconnects with a railroad of a railway company a standard procedure shall be established and followed for carrying on operations on the first mentioned railroad.

(4) A railroad shall be built to safely withstand speeds and loads to which it will normally be subjected by a train.

(5) A low bridge warning sign shall be installed at an approach of a railroad to an overhead structure, where the clearance between the underside of the structure and the top of any railway car is less than two metres.

(6) Guard rails shall be placed at the approach to railroad tracks where the view is obstructed in one or both directions.

(7) A locomotive shall,

- (a) have an audible warning system in proper working condition;

- (b) have a suitable headlight for each travel direction when operating in areas without adequate lighting;

- (c) be equipped with brakes in proper working condition; and

- (d) have the control lever so mounted as to prevent its inadvertent removal.

(8) The locomotive operator shall be in position at the controls when operating the locomotive on manual control.

(9) Before leaving a locomotive unattended, the operator shall,

- (a) set the controls in position for parking;

- (b) set the brakes; and

- (c) on a grade, use hand brakes or wheel chocks to prevent movement of the locomotive.

(10) Before installing remote or automatic controls for the operation of a locomotive, an engineer of the Ministry shall be notified thereof.

(11) A standard practice shall be prepared for the use of radio communications systems on a railroad.

(12) Only authorized persons shall ride on a train.

(13) One or more workers shall be stationed to direct the operator of a locomotive when backing a train in a location where persons may be endangered.

(14) A car shall not be permitted to run free unless,

- (a) adequate control thereof is maintained; and

- (b) there is no hazard to a worker. O. Reg. 660/79, s. 194.

PART X

MINE HOISTING PLANT

195.—(1) Except for the purpose of testing before being put into service in a particular location no mine hoisting plant shall be operated without a valid mine hoisting plant permit.

- (2) The permit prescribed by subsection (1) shall be,
- (a) obtained from an engineer of the Ministry; and
  - (b) valid only when the plant is,
    - (i) installed, maintained and operated in compliance with this Regulation, and
    - (ii) operated in the location specified in the permit.

(3) A mine hoisting plant permit shall be in the following form:

PERMIT TO OPERATE A MINE HOISTING PLANT

No. ....

In accordance with the requirements prescribed in the Mining Health and Safety Regulations, a permit is hereby granted to operate the following mine hoisting plant:

- 1. Hoist Serial No. ....
- 2. Manufactured by .....
- 3. Located at Shaft No. ....
- 4. Compartment No. ....
- 5. Mine Owner .....
- 6. Plant Owner .....

This permit is granted on condition that the mine hoisting plant is installed, maintained and operated in compliance with the regulations made under the *Occupational Health and Safety Act*.

Date .....  
Engineer of the Ministry  
O. Reg. 660/79, s. 195.

196.—(1) No shaft conveyance shall be used without a subsisting shaft conveyance permit.

- (2) A permit to operate a shaft conveyance shall,
- (a) be obtained from an engineer of the Ministry;
  - (b) be maintained in legible condition; and
  - (c) be valid only when the shaft conveyance is,

- (i) installed, maintained and operated in compliance with this Regulation, and
- (ii) operated in the location specified in the permit.

(3) No shaft conveyance shall be loaded in excess of maximum number of persons or weight of material stated in item 9 of the permit.

(4) A permit to operate a shaft conveyance shall be in the following form:

PERMIT TO OPERATE SHAFT CONVEYANCE

No. ....

In accordance with the regulations made under the *Occupational Health and Safety Act*, a permit is hereby granted to operate the following shaft conveyance:

- 1. Type of Conveyance .....
- 2. Shaft Conveyance Serial No. ....
- 3. Manufactured by .....
- 4. Located in Shaft No. ....
- 5. Compartment No. ....
- 6. Hoist Serial No. ....
- 7. Mine Owner .....
- 8. Shaft Conveyance Owner .....
- 9. Load Limits .....

	Maximum Number of Persons or Weight of Materials in kilograms
Deck No. 1 (top)	or
Deck No. 2	or
Deck No. 3	or
	or
Total	

This permit is granted on condition that the mine hoisting plant is installed, maintained and operated in compliance with the regulations made under the *Occupational Health and Safety Act*.

Date .....  
Engineer of the Ministry

(5) A notice in the following form, stating the authorized loads of a shaft conveyance, shall be posted at the shaft collar:

POSTED IN ACCORDANCE WITH SUBSECTION 196 (5) OF  
THE MINING AND MINING PLANTS REGULATIONS  
UNDER THE  
*Occupational Health and Safety Act*  
  
SHAFT CONVEYANCE  
  
AUTHORIZED LOADS

Owner ..... Mine .....  
Shaft ..... Compt. No. ....  
Conv. Type ..... Serial No. ....

Load Limits	Maximum No. of Persons or Weight of Material in kilograms
Deck No. 1 (top)	or
Deck No. 2	or
Deck No. 3	or
Total	or

This shaft conveyance shall not be loaded in excess of the maximum number of persons or weight of material stated above.

This notice shall be posted at the shaft collar.

.....  
Engineer of the Ministry

Date ..... Notice No. ....  
O. Reg. 660/79, s. 196.

197. Tests for compliance with this Regulation shall be conducted on a mine hoisting plant before being put into initial service in a particular location. O. Reg. 660/79, s. 197.

198.—(1) No shaft conveyance shall be loaded in excess of the maximum number of persons or the maximum weight of materials as stated on the shaft conveyance permit.

(2) In determining the maximum weight of materials for the permit for a shaft conveyance, an engineer of the Ministry shall take into consideration the maximum load that a mine hoisting plant is capable of carrying safely.

(3) Subject to subsection (4), the maximum number of persons that can be carried on a shaft conveyance shall be determined as follows:

1. Where the clear floor area of a deck of a shaft conveyance is 1.86 square metres or less, there shall be at least 0.19 square metre for each person.
2. Where the clear floor area of a deck of a shaft conveyance is more than 1.86 square metres and less than 4.64 square metres, there shall be at least 0.16 square metre for each person.
3. Where the clear floor area of a deck of a shaft conveyance is 4.64 square metres or more, there shall be at least 0.14 square metre for each person.

(4) The maximum number of persons that may be carried by a shaft conveyance shall not exceed 85 per cent of the maximum weight of materials divided by ninety kilograms. O. Reg. 660/79, s. 198.

199. The following log books shall be obtained from the Ministry and used for each mine hoisting plant:

1. Electrical Hoisting Equipment Record Book.
2. Hoisting Machinery Record Book.
3. Hoistman's Log Book.
4. Rope Record Book.
5. Shaft Inspection Record Book. O. Reg. 660/79, s. 199.

200. A headframe on surface or underground in an underground mine shall,

- (a) be designed in accordance with good engineering practice;
- (b) have the plans of the design certified by a professional engineer;
- (c) be constructed in accordance with the design;
- (d) be of sufficient strength to safely withstand all loads to which it is likely to be subjected; and
- (e) be of sufficient height to provide a distance for an overwind that exceeds the greater of,
  - (i) twice the stopping distance of the hoist at the maximum speed permitted by the hoist controls, or
  - (ii) three metres. O. Reg. 660/79, s. 200.

201. A mine shaft shall,

- (a) be designed in accordance with good engineering practice;
- (b) have a means to guide each shaft conveyance to prevent contact with another shaft conveyance or shaft furnishings;

- (c) have underwind clearances that exceed the stopping distance of the shaft conveyance when travelling at the maximum speed permitted by the hoist controls, except,

- (i) during shaft sinking, or
- (ii) when chairs are used to land a skip during loading; and

- (d) have arrangements by which a shaft conveyance or counterweight operated by a friction hoist is physically prevented from entering into a fixed part of the shaft or head-frame. O. Reg. 660/79, s. 201.

202.—(1) Subject to subsection (5), protective devices and procedures shall be used to prevent a shaft conveyance or counterweight from coming into contact with an intermediate shaft obstruction.

(2) A device which may become an intermediate shaft obstruction shall be positively locked out of the shaft compartment to prevent inadvertent entry into the compartment.

(3) The location of the intermediate shaft obstruction shall be marked on the depth indicator of a hoist.

(4) The protective procedure for operating the intermediate shaft obstruction shall be prepared in writing and posted for use by the hoist operator.

(5) Doors for covering the shaft at the collar to facilitate the maintenance of a shaft conveyance are not an intermediate shaft obstruction if,

- (a) they are positively latched out of the shaft compartments when not in use; and
- (b) dual lights are installed to indicate to the hoist operator whether such doors are in or out of the shaft compartment. O. Reg. 660/79, s. 202.

203.—(1) When a skip is being used to carry persons, the hoist shall,

- (a) be equipped with control devices that prevent the skip from being taken,
  - (i) to the dump position, and
  - (ii) to the skip loading pocket unless the controls for loading the skip with ore or waste have been made inoperative;
- (b) not be permitted to travel in excess of one-half its normal speed and in no case shall the speed be permitted to exceed five metres per second.

(2) The control devices of the hoist shall be designed and installed to be fail safe.

(3) An audible or visual signal that the control devices for the hoist are set in operation shall be given to persons entering a skip. O. Reg. 660/79, s. 203.

204.—(1) Chairs used for landing a cage shall be,

- (a) arranged to fall clear and remain clear of the shaft compartment when the cage is lifted off the chairs;
- (b) operable only from outside the cage; and
- (c) so arranged as not to distort the cage.

(2) Chairs fastened to shaft station posts shall be of a chain type. O. Reg. 660/79, s. 204.

205. A certificate for each hoist shall be obtained from the manufacturer of the hoist or a professional engineer competent in the design of mine hoisting plants certifying,

- (a) the maximum rope pull;
- (b) the maximum suspended load; and
- (c) the maximum unbalanced load in the case of a friction hoist,

and no hoist shall be loaded above the maximums as certified. O. Reg. 660/79, s. 205.

206.—(1) No hoist shall be used for the transporting of persons unless it has a braking system consisting of at least two sets of mechanical brakes to stop and hold the drum for the shaft conveyance transporting the persons.

(2) Each set of mechanical brakes shall,

- (a) stop and hold the drum when the shaft conveyance or counterweight is operating at its maximum load;
- (b) be so arranged to be capable of being tested independently; and
- (c) be arranged to apply normal braking effort before a linkage or brake piston reaches a limit of travel. O. Reg. 660/79, s. 206 (1, 2).

(3) At least one of the mechanical brakes shall be designed and arranged to,

- (a) apply directly to the drum; and
- (b) apply automatically when,
  - (i) the safety circuit of the hoist is interrupted, or
  - (ii) the pressure in the hydraulic or pneumatic system for applying brakes has dropped below normal. O. Reg. 660/79, s. 206 (3); O. Reg. 846/79, s. 15.

(4) The braking system shall be arranged so that,

- (a) the brakes are applied by control levers that are pulled unless brake and power control levers are common; and
- (b) any brake weights installed to provide auxiliary braking force can be readily tested for freedom of movement.

(5) Subject to subsection (6), the brakes of a drum hoist shall be arranged to decelerate the hoist at a rate greater than 1.5 metres per second per second and less than 3.7 metres per second per second where braking is initiated by an interrupted safety circuit and the hoist is,

- (a) normally used for the transporting of persons; and
- (b) operating in the normal full speed zone.

(6) Subsection (5) does not apply to a drum hoist installed at a particular location prior to the 1st day of October, 1979.

(7) The brakes of a drum hoist installed in a particular location before the 1st day of October, 1979 and that is normally used for transporting persons shall be tested to determine its deceleration rates.

(8) Where the tests prescribed in subsection (7) establish that the deceleration rates are in excess of 5.5 metres per second per second and where it is practical to do so, the hoist shall be modified before the 1st day of October, 1981 so as to reduce the deceleration rate to 5.5 metres per second per second or less.

(9) The braking system of a hoist not normally used to transport persons shall be designed and arranged to safely stop and hold the hoist under all conditions of normal load, speed and direction of travel. O. Reg. 660/79, s. 206 (4-9).

207.—(1) A clutch of a drum hoist shall be interlocked with the brake so that,

- (a) the clutch can be disengaged only when the brake of the drum is fully applied; and
- (b) the clutch is fully engaged before the brake of the drum can be released.

(2) The controls for engaging and disengaging a clutch shall be guarded to prevent their inadvertent operation.

(3) No band type friction clutch shall be used. O. Reg. 660/79, s. 207.

208.—(1) Except as prescribed in subsection (2), the drum to rope diameter ratio for a drum hoist shall be equal to or greater than,

- (a) subject to clause (b), 60 to 1, where the rope diameter is 25.4 millimetres or less;
- (b) 54 to 1, where the rope diameter is 22.2 millimetres or less and the rope is being used on a drum hoist whose diameter is less than 1.35 metres and the hoist was manufactured before 1950; and
- (c) 80 to 1, where the rope diameter is greater than 25.4 millimetres.

(2) A hoist in use for shaft sinking or for preliminary development work during shaft sinking shall have a drum to rope diameter ratio equal to or greater than,

- (a) 48 to 1, where the rope diameter is 25.4 millimetres or less; and
- (b) 60 to 1, where the rope diameter is greater than 25.4 millimetres.

(3) The drum to rope diameter ratio of a friction hoist shall be equal to or greater than 100 to 1. O. Reg. 660/79, s. 208.

209. No drum hoist shall have,

- (a) more than three layers of rope where the drum has helical or spiral grooving or does not have grooving;
- (b) more than four layers of rope if the drum has parallel and half pitch grooving; and
- (c) less than three dead turns of the rope on the drum. O. Reg. 660/79, s. 209.

210.—(1) Subject to subsection (2), the drum of a drum hoist shall be provided with,

- (a) grooves that properly fit the rope, unless the hoist is being used for shaft sinking or preliminary development work during shaft sinking in which case the drum may be smooth; and
- (b) flanges of sufficient height to contain all the rope and which are strong enough to withstand any loading by the rope.

(2) A conical drum hoist shall be provided with grooves that prevent the rope from slipping off. O. Reg. 660/79, s. 210.

211. A drum hoist and a sheave shall be arranged so that the rope,

- (a) coils properly across the face of the drum;
- (b) winds smoothly from one layer to another; and
- (c) winds without cutting into the rope layer beneath. O. Reg. 660/79, s. 211.

212. Bolts and other fittings of a mine hoisting plant shall be properly secured. O. Reg. 660/79, s. 212.

213. A hoist shall be provided with depth indicators that continuously, accurately and clearly show to the hoist operator the position,

- (a) of a shaft conveyance and counterweight, if any;
- (b) in an inclined shaft, of a change in gradient that requires a reduction in hoist speed;
- (c) at which the overwind, underwind and track limit devices are set to operate;
- (d) of any intermediate shaft obstruction;
- (e) of the limits of normal travel for the shaft conveyance and counterweight, if any; and
- (f) of any collar doors, dump doors and cross-head landing chairs. O. Reg. 660/79, s. 213.

214.—(1) A steam or air powered hoist shall be provided with devices that,

- (a) protect against an overwind;
- (b) protect against an underwind, except during shaft sinking;
- (c) indicate the air or steam pressure for the hoist operator; and
- (d) permit the air or steam supply to the hoist engine to be readily shut off by the hoist operator.

(2) Where the hoisting plant consists of a single shaft conveyance without a counterweight, the compression of the engine of an air or steam powered hoist may be used as an automatic brake if,

- (a) the engine is non-reversing;
- (b) the exhaust restraining valve is fail safe;
- (c) the piping system is strong enough to withstand the air or steam pressures;
- (d) the compression has sufficient braking capacity to stop the hoist carrying its maximum load;
- (e) the normal speed of the hoist is less than 2.5 metres per second; and
- (f) specifications and arrangements of the hoist have been submitted to an engineer of the Ministry. O. Reg. 660/79, s. 214.

215. A hoist being used as a tugger or a utility hoist shall be maintained and used so as not to endanger the safety of a worker. O. Reg. 660/79, s. 215.

216. A hoist that is relocated shall comply with the requirements of this Regulation. O. Reg. 660/79, s. 216.

217.—(1) Before a sheave is used, a certificate for the sheave shall be obtained from the manufacturer of the sheave or a professional engineer competent in sheave design certifying as to,

- (a) the maximum rated load;
- (b) the diameter of rope for which it was designed;
- (c) the breaking strength of the rope for which it was designed; and
- (d) the maximum amount of groove wear that shall be permitted.

(2) No sheave shall be,

- (a) loaded above the maximum rated load; or
- (b) used other than in compliance with the certificate.

(3) The ratio of the diameter of the sheave to the diameter of the rope shall be as prescribed in section 208.

(4) A sheave shall,

- (a) be made of materials which will safely withstand the ambient temperatures;
- (b) be fitted with a groove to fit the rope being used; and
- (c) bear a serial number and the date of its manufacture.

(5) The shaft of a sheave shall be examined for flaws by a non-destructive test by a person competent in such testing,

- (a) before being put into service in a particular location;
- (b) after installation; and
- (c) at a regular frequency as recommended by a person competent in such testing. O. Reg. 660/79, s. 217.

218.—(1) No hoist that is electrically powered shall be used unless it has a safety circuit that,

- (a) is fail safe;
- (b) when interrupted, operates to,
  - (i) set the brakes,
  - (ii) remove power from the hoist motor or motors, and

(iii) stop the mine hoist when in motion.

(2) The safety circuit of a hoist shall be interrupted when,

- (a) there is a failure of a power supply to the hoist electrical system which may affect safe operation;
- (b) there is an overload on the hoist motors of a magnitude and duration exceeding normal;
- (c) there is a short circuit in the hoist electrical system; and
- (d) a prescribed safety device has operated.

(3) A switch to interrupt the safety circuit of a hoist shall be installed and the switch shall be,

- (a) manually operable;
- (b) located within easy reach of the hoist operator when at the controls;
- (c) readily recognizable; and
- (d) readily operable.

(4) A track limit device shall be installed in each shaft compartment that will be operated directly by the shaft conveyance or counterweight to interrupt the safety circuit of a hoist in the case of an overwound shaft conveyance or counterweight. O. Reg. 660/79, s. 218 (1-4).

(5) Devices shall be installed to protect a shaft conveyance or counterweight against,

- (a) an overwind;
- (b) an underwind, except during shaft sinking;
- (c) approaching the limits of travel at an excessive speed; and
- (d) operating at a speed exceeding 118 per cent of normal speed. O. Reg. 660/79, s. 218 (5); O. Reg. 846/79, s. 16 (1).

(6) The devices required by subsection (5) shall,

- (a) operate to interrupt the safety circuit when activated;
- (b) be driven directly by the drum;
- (c) be protected for loss of motion;
- (d) prevent the paying out of excess rope during shaft sinking; and
- (e) be set to stop the hoist before a shaft conveyance, counterweight and their attachments make contact with a fixed part of a mine shaft or headframe.

(7) Devices shall be installed for a friction hoist that are set to interrupt the safety circuit where,

- (a) excessive slip between the drum and a hoisting rope or ropes occurs;
- (b) a violent swing or large rise in the loop of a balance rope occurs; and
- (c) a shaft conveyance and counterweight approaches the collar of a mine shaft at excessive speed.

(8) The devices required for the purposes of clause (7) (c) shall be installed in the mine shaft. O. Reg. 660/79, s. 218 (6-8).

(9) On a friction hoist, a device shall be installed that synchronizes the position of the shaft conveyance with safety devices driven from the drum. O. Reg. 846/79, s. 16 (2).

(10) A hoist that is electrically powered shall,

- (a) have an ammeter within plain view of the hoist operator to indicate the hoist motor current;
- (b) except when the slowdown control at the limits of travel is automatic, have a device to warn the operator, audibly, that the hoist is approaching the limit where a reduction in speed is necessary for safe manual braking; and
- (c) subject to subsection (11), have a speed indicator if the normal speed exceeds 2.5 metres per second;
- (d) have a device from which a voltage signal that is proportioned to the speed of the hoist can be obtained;
- (e) have a backout device as prescribed in subsection (12) by which a shaft conveyance or counterweight can be removed from an overwound or underwound position;
- (f) if equipped with an underwind by-pass device, have such device,
  - (i) manually operable only, and
  - (ii) restrict the hoist operation to slow speed;
- (g) have overwind by-pass devices that,
  - (i) are manually operable only,
  - (ii) when in use restrict hoist operation to slow speed, and
  - (iii) allow hoist travel beyond the first device providing overwind protection;

- (h) have a master controller that has a neutral or brake reset position;
- (i) have any brake operating levers arranged so that upon an interruption of the safety circuit the power to the hoist cannot be restored until the levers are in the brake applied position;
- (j) have accurate and sensitive safety controllers; and
- (k) have each safety-related device capable of being effective under the environmental conditions in which it is installed.

(11) Notwithstanding clause (10) (c), a hoist in use on the 1st day of October, 1979 that does not have a speed indicator may be used, but a speed indicator shall be installed on the hoist prior to the 1st day of October, 1981, if its normal speed exceeds 2.5 metres per second.

(12) A backout device shall,

- (a) be manually operable only; and
- (b) prevent the brake or brakes from being released until sufficient torque has been developed to ensure movement in the correct direction.

(13) The adjustment of a protective device shall be altered only by a competent person authorized to do so. O. Reg. 660/79, s. 218 (10-13).

219.—(1) A device that permits changing from manual to automatic control shall be installed on an automatic hoist and the device shall be,

- (a) located where it is readily accessible to the manual controls; and
- (b) operated only by an authorized worker.

(2) Where a hoist is designed to be operated from control stations located at shaft levels and within a shaft conveyance, the switch for affecting the change-over of the control mode between that at the shaft levels and at the shaft conveyance shall be effective only at the shaft level at which the shaft conveyance is stopped.

(3) Devices installed on the levels for the purpose of selecting the shaft conveyance destination and initiating hoist movement shall be effective only when,

- (a) the shaft conveyance is stopped at that level; and
- (b) the installation is designed for call operation.

(4) When an executive signal for hoist motion is given from controls at a level, at least five seconds shall lapse before the hoist moves.

(5) Except for jogging, devices at shaft level control stations for initiating hoist motion shall be effective only when the shaft gate at the level where the conveyance is stopped is closed.

(6) Except for jogging, devices located within a cage for initiating hoist motion shall be effective only when the door of the cage and the gate of the shaft are closed.

(7) Where the controls for initiating hoist motion are located within a cage, a device shall be installed in the cage by which the safety circuit of the hoist can be interrupted. O. Reg. 660/79, s. 219.

220.—(1) A shaft rope shall not be used unless,

- (a) a 2.5 metre representative sample has been tested for its breaking strength by a destructive test; and
- (b) a Certificate of Test has been obtained from a cable testing laboratory approved by the Minister.

(2) After eighteen months of use, and thereafter at intervals not exceeding six months, a portion of a hoisting rope of a drum hoist shall be cut off at the lower end above the clamps and the portion shall,

- (a) be at least 2.5 metres long;
- (b) have its ends adequately fastened; and
- (c) be submitted for a test of its breaking strength by a destructive test at a cable testing laboratory approved by the Minister.

(3) A certificate of test of the portion of the rope referred to in subsection (2) shall be kept available for inspection. O. Reg. 660/79, s. 220 (1-3).

(4) A hoisting rope being used as a shaft rope shall be tested throughout its working length by a competent person using an electromagnetic testing device approved by the Director,

- (a) within six months of being put into service; and
- (b) thereafter at regular intervals not exceeding four months; or
- (c) at intervals shorter than four months, where, by interpolation of past tests, the loss in breaking strength will exceed 10 per cent before the next prescribed test. O. Reg. 660/79, s. 220 (4); O. Reg. 846/79, s. 17 (1).

(5) A balance rope and, where practical, a guide and a rubbing rope in use, shall be tested throughout its working length by a competent person using an electromagnetic testing device approved by the Director.

- (a) within twelve months of being put into service; and
- (b) thereafter at regular intervals not exceeding eight months except where a test discloses a loss exceeding 5 per cent of the breaking strength recorded on the Certificate of Test, in which case the regular intervals shall not exceed four months. O. Reg. 660/79, s. 220 (5); O. Reg. 846/79, s. 17 (2).
- (6) The date of each electromagnetic test and the results obtained shall be recorded in the Rope Record Book for the rope.
- (7) A record of each electromagnetic test, including graphs and interpretations, signed by the person making such interpretations shall be sent, in duplicate, to an inspector within twenty-eight calendar days of the completion of the test and where the loss is greater than 7.5 per cent, within fourteen calendar days.
- (8) The Director may require specimens for special destructive testing from a shaft rope that has been removed from use.
- (9) The cost of such special destructive testing shall be borne by the Ministry and the employer shall bear the cost of preparing and shipping such specimens to a laboratory approved by the Minister.
- (10) No rope shall be used as a shaft rope,
- (a) if it has been spliced; or
- (b) if it has been reversed.
- (11) The minimum normal diameter of a hoisting rope shall exceed,
- (a) 15.9 millimetres where only one rope supports a shaft conveyance or counterweight; and
- (b) 12.7 millimetres where more than one rope supports a shaft conveyance or counterweight.
- (12) The factor of safety of a hoisting rope installed on a drum hoist shall not be less than,
- (a) subject to clause (b), 8.5, at the point the rope is attached to a shaft conveyance or counterweight;
- (b) 7.5 at the point the rope is attached to a skip or counterweight where the material load was accurately weighed; and
- (c) 5.0 at the point the rope leaves the head sheave when the shaft conveyance or counterweight is at its lowest point of normal travel.
- (13) The factor of safety of a hoisting rope installed on a friction hoist shall not be less than the greater of,
- (a) the factor obtained from the formula  $8.0 \text{ minus } 0.00164 d$ , where  $d$  is the maximum length of the rope in metres, in the shaft compartment below the head sheave or the drum of a friction hoist; or
- (b) 5.5.
- (14) The factor of safety of a tail or balance rope shall not be less than 7.
- (15) The factor of safety of a guide or a rubbing rope shall not be less than 5.
- (16) Notice in duplicate in the form set out in the Rope Record Book of the installation of a shaft rope and containing the information set out in the said Book shall be sent to an inspector forthwith.
- (17) When a shaft rope is removed from service notice thereof shall be given to an inspector and the notice shall,
- (a) state,
- (i) the date of removal,
- (ii) the reason for removal, and
- (iii) the disposition of the removed rope; and
- (b) be in the form of the detachable part of the white Rope Installation Sheet in the Rope Record Book.
- (18) No rope shall be used as a shaft rope where the breaking strength of the rope has dropped below the breaking strength set out in the Certificate of Test as follows:
1. In any part of a hoisting rope, 90 per cent.
  2. In any part of a multi-layer, multi-strand balance rope, 90 per cent.
  3. In any part of a single layer stranded balance rope, 85 per cent.
  4. In any part of a guide or rubbing rope, 75 per cent.
- (19) Notwithstanding subsection (18), no rope shall be used as a shaft rope where,
- (a) the extension of a test piece has decreased to less than 60 per cent of its original extension when tested to destruction;
- (b) the number of broken wires excluding filler wires in any section equal to one lay length exceeds 5 per cent of the total;

- (c) marked corrosion or considerable loss in torsions occur; or
- (d) the rate of stretch in a friction hoisting rope shows a rapid increase over its normal stretch recorded during its service.

(20) Where hoisting is discontinued or suspended in a shaft compartment each hoisting rope shall be removed immediately from the shaft. O. Reg. 660/79, s. 220 (6-20).

221.—(1) Shaft ropes shall be attached by closed type devices that will not inadvertently disconnect.

(2) In a drum hoist installation, the hoisting rope from a shaft conveyance and counterweight shall be attached to the drum of the hoist.

(3) No wedge type attachments shall be used unless the attachments are,

- (a) in sound condition; and
- (b) certified at least once every six years of use as being in sound condition by a competent person or by the manufacturer.

(4) When the attachments for a shaft hoisting rope are first installed, or re-installed after disassembling, the following measures and procedures shall be taken before the hoist is put to use:

1. Two test trips of the conveyance or counterweight through the working part of the shaft, while the conveyance or counterweight is carrying normal load shall be performed.
2. An examination of the attachments upon the completion of the two test trips shall be made.
3. Any necessary adjustments shall be made.
4. A record of any adjustments, examinations and test trips shall be made in the Hoisting Machinery Record Book by the person or persons making the adjustments, examinations and test trips. O. Reg. 660/79, s. 221.

222.—(1) A certificate shall be obtained for each shaft conveyance or counterweight showing its,

- (a) rated load, as certified by a professional engineer; and
- (b) serial number, date of manufacture and the name of the manufacturer.

(2) Each shaft conveyance and counterweight shall be examined and inspected at least once in every five years of use by a competent person and a record of such examination and inspection shall be kept available for inspection.

(3) All parts of a shaft conveyance or counterweight when in service and carrying the rated load shall be

capable of withstanding at least four times the maximum allowable design stresses without permanent distortion.

(4) The maximum allowable design stresses shall be those established by good engineering practice and include the effects of,

- (a) the weight of the conveyance or counterweight;
- (b) the rated load;
- (c) any impact load;
- (d) any dynamic load;
- (e) stress concentration factors;
- (f) corrosion;
- (g) metal fatigue; and
- (h) dissimilar materials.

(5) Where a worker performs work from the top of a shaft conveyance or counterweight, there shall be provided for the worker,

- (a) a safe footing; and
- (b) overhead protection, except when changing shaft guides. O. Reg. 660/79, s. 222 (1-5).

(6) Devices shall be provided in a shaft conveyance by which any equipment or supplies within the conveyance may be safely secured. O. Reg. 846/79, s. 18.

223.—(1) Where a work platform that is not a shaft conveyance is used to transport or support a worker who is performing work in a shaft, the work platform shall be,

- (a) designed by a professional engineer in accordance with good engineering practices; and
- (b) built in accordance with the design.

(2) Notice in writing of the use of a work platform shall be given to an inspector before it is put to initial use. O. Reg. 660/79, s. 223.

224.—(1) A cage, being used to transport persons, shall,

- (a) where it is supported by only a single rope or attachment point have the safety catches and mechanisms prescribed in subsection (6);
- (b) except on any side which has a door, be enclosed by sheet steel at least three millimetres thick;
- (c) have ventilation, adequate for the persons being transported;

- (d) have a hood of steel plate, at least five millimetres thick;
  - (e) have a door or doors as prescribed in subsection (2);
  - (f) have an internal height greater than 2.1 metres;
  - (g) have a clearance at the door that is greater than 1.8 metres; and
  - (h) have where practical, an exit for the persons in the roof which can be opened from inside or outside the cage.
- (2) The door or doors on a cage shall,
- (a) be at least 1.5 metres high;
  - (b) be mounted and arranged so they cannot be opened outward from the cage;
  - (c) have devices for positive latching in the closed position;
  - (d) be of solid materials, except for a viewing window;
  - (e) be so arranged that they may be closed at all times that persons or materials, except rolling stock, are being transported in the cage;
  - (f) be mounted so as to provide only enough clearance at the floor to permit free closing or opening; and
  - (g) be of adequate strength to withstand normal shock loads.
- (3) A skip regularly being used to transport persons in a shaft shall,
- (a) where it is supported by only a single rope or attachment point, have the safety catches and mechanisms prescribed in subsection (6);
  - (b) provide an enclosure for the persons being transported which is at least 1.07 metres high;
  - (c) have ventilation adequate for the persons being transported;
  - (d) have a suitable and adequately fastened floor; and
  - (e) have a means for safe entry and exit.
- (4) The openings between a shaft and a skip box over which persons must pass to enter or leave a skip shall be closed off sufficiently to prevent a person from falling through the opening.
- (5) The shaft signal pull cord shall be located in a convenient place for the skip tender.
- (6) Safety catches and mechanisms on a cage or skip, shall,
- (a) be of a type and design approved by the Director;
  - (b) stop and hold a cage or skip transporting persons should the supporting rope or attachment break; and
  - (c) be subjected to the tests prescribed in subsection (7) and successfully pass the free fall test prescribed in subsection (8),
    - (i) prior to the cage or skip first being used to transport persons, and
    - (ii) prior to the cage or skip first being used after repairs to correct distortion of the safety catches and mechanisms.
- (7) Free fall tests shall be performed under the following conditions:
1. The cage or skip shall carry a weight equal to its maximum permitted load of persons and any material permitted to be carried at the same time.
  2. The cage or skip shall travel at a speed equal to normal hoisting speed when transporting persons.
  3. The guides on which the test is made shall be fairly representative of those in the shaft.
- (8) A free fall test shall be successfully passed if,
- (a) the skip or cage is decelerated to a stop within one and three times the rate of gravity;
  - (b) there is no damage to the safety dogs and mechanisms;
  - (c) the safety dogs engage the guides continuously during deceleration; and
  - (d) a calculation shows that the safety dogs will stop the cage or skip when it is carrying its maximum material load.
- (9) A report of a free fall test shall be,
- (a) submitted to an engineer of the Ministry on the free fall test form; and
  - (b) made in the Hoisting Machinery Record Book for the hoist. O. Reg. 660/79, s. 224.
- 225.—**(1) A system for communicating by voice shall be installed and maintained at an underground mine.
- (2) The communication system required by subsection (1) shall permit communication between persons at,

- (a) the collar of the shaft, including the collar of an internal shaft;
- (b) the landing stations in use in a shaft;
- (c) the hoist room for the shaft including the hoist room for an internal shaft;
- (d) an underground refuge station; and
- (e) an attended place on surface. O. Reg. 660/79, s. 225.

226. Where a call system is installed for a cage, the call system shall,

- (a) not be operated in excess of 150 volts; and
- (b) be arranged so that the call signals are inaudible to the hoist operator. O. Reg. 660/79, s. 226.

227.—(1) A signalling system shall be installed at an underground mine by which signals may be exchanged between the tender of a shaft conveyance and the hoist operator for the purpose of controlling the hoist.

(2) The system prescribed in subsection (1) shall,

- (a) not be operated in excess of 150 volts;
- (b) be supplied with power from a transformer which supplies no other load;
- (c) where the primary voltage of the transformer exceeds 750 volts,
  - (i) have one conductor of the power supply grounded, or
  - (ii) have the conductors ungrounded if,
    - (A) an isolating transformer with a 1 to 1 ratio supplies the power for the signal, and
    - (B) the circuit has a device to indicate a ground fault;
- (d) have the non-current carrying metal parts of the signalling unit grounded unless the unit is mounted at least 2.4 metres above the floor;
- (e) except as prescribed in subsection (3), be capable of providing signals that are,
  - (i) audible and clear,
  - (ii) separate for each shaft compartment, and
  - (iii) distinctive in sound for each compartment;
- (f) be arranged so that the hoist operator can return a signal to the worker signalling; and

- (g) be installed at every working level, landing deck and any other necessary shaft location.

(3) The system shall be capable of providing a signal that is both audible and visible when installed on a multi-deck sinking stage.

(4) Signalling systems using radio frequencies for transmitting signals shall comply with section 167. O. Reg. 660/79, s. 227.

228.—(1) A signal for hoist movement shall be given only,

- (a) by an authorized worker; and
- (b) when the shaft conveyance or counterweight is at the same location as the worker signalling, except during,
  - (i) shaft sinking and preliminary shaft development, or
  - (ii) maintenance work in a shaft.

O. Reg. 660/79, s. 228 (1).

(2) No hoist shall be moved on manual control unless,

- (a) the signal prescribed under this section is given;
- (b) the signal is returned by the hoist operator; and
- (c) at least four seconds have elapsed after the executive signal has been given. O. Reg. 660/79, s. 228 (2); O. Reg. 846/79, s. 19 (1).

(3) Signals shall be given in the following sequence:

1. Cautionary.
2. Destination.
3. Executive.

(4) The following basic code of signals to a hoist operator shall be used:

1. Stop immediately . . . . . 1 signal
2. Where the shaft conveyance is stationary, hoist . . . . . 1 signal
3. Lower . . . . . 2 signals
4. Persons entering or leaving a shaft conveyance . . . . . 3 signals
5. Caution—blasting to take place . . . . . 4 signals
6. Release of shaft conveyance 5 signals
7. Danger . . . . . 9 signals

- 8. Chairing ..... 1 signal  
followed by  
2 signals
- 9. Hoist slowly ..... 3 signals,  
followed by  
3 signals,  
followed by  
1 signal
- 10. Lower slowly ..... 3 signals,  
followed by  
3 signals,  
followed by  
2 signals

O. Reg. 660/79, s. 228 (3, 4).

(5) In addition to the basic code of signals prescribed by subsection (4), the tender of a shaft conveyance shall comply with the Code of Standard Signals issued by the Ministry. O. Reg. 846/79, s. 19 (2).

(6) Where it is necessary for the operation of a shaft conveyance, the supervisor in charge of an underground mine may establish signals in addition to those prescribed by subsections (4) and (5). O. Reg. 660/79, s. 228 (6).

**229.**—(1) This section applies during shaft sinking and preliminary development work during shaft sinking at an underground mine.

(2) A bucket used to transport persons shall,

- (a) be provided when the vertical depth of a shaft below the collar exceeds fifty metres;
- (b) be at least 1.07 metres high; and
- (c) be designed as prescribed by subsections 222 (3) and (4).

(3) Where the distance between a head sheave and the shaft bottom exceeds 100 metres a crosshead shall be used with a bucket.

(4) A crosshead shall be,

- (a) landed on at least two chairs at the bottom crosshead stop to prevent distortion;
- (b) attached to the rope by a safety appliance in such manner that where the crosshead jams in the shaft compartment, the bucket is stopped; and
- (c) of a type that encloses the bucket unless,
  - (i) the shaft compartment is tightly lined, and
  - (ii) the bucket is barrel-shaped. O. Reg. 660/79, s. 229 (1-4).

(5) Dual lights shall be installed to indicate to the hoist operator that,

- (a) the crosshead and bucket are descending together from the bucket dumping position;

(b) the service doors are in or out of the shaft compartment; and

(c) the dump doors are in or out of the shaft compartment. O. Reg. 660/79, s. 229 (5); O. Reg. 846/79, s. 20.

(6) A service door or doors as prescribed by subsection (7), to cover the sinking compartment of a shaft, shall be provided.

(7) The service door or doors required by subsection (6) shall,

- (a) be installed at the collar and any place in the shaft where tools and other materials are loaded or unloaded into or from the bucket;
- (b) be automatically latched out by mechanical devices when out of the shaft compartment;
- (c) be closed when a bucket is being loaded or unloaded with tools and other materials; and
- (d) be closed when persons are entering or leaving a bucket, except where the closed crosshead provides equal protection for persons.

(8) Dump doors shall be installed and maintained that,

- (a) prevent a bucket from being dumped when the dump doors are open;
- (b) prevent any material from falling down the shaft while the bucket is being dumped; and
- (c) are provided with devices that securely latch the dump doors out of the shaft compartment automatically.

(9) Where a multi-deck stage is being used, the stage shall be,

- (a) designed by a professional engineer in accordance with good engineering practice; and
- (b) built in accordance with the design.

(10) A notice in writing of the use of a multi-deck stage shall be given to an inspector before it is put to initial use.

(11) A bucket shall be filled so that no piece of loose rock projects above the level of the rim.

(12) Except during shaft maintenance, repairs and inspections, a person being transported by a bucket shall ride in the bucket when it is travelling above the bottom crosshead stop.

(13) The worker authorized to give signals for hoist movement shall,

- (a) maintain proper discipline of persons riding in the bucket; and

- (b) enforce the loading restrictions of the conveyance permit.

(14) No person shall obstruct the worker mentioned in subsection (13) from performing his prescribed duties.

(15) A bucket shall not be allowed to leave the top or bottom of the shaft until the bucket has been steadied.

(16) A bucket returning to the shaft bottom shall be,

- (a) stopped at a distance at least five metres and not more than ten metres above the bottom of the shaft; and

- (b) lowered slowly below the point described in clause (a) only on a separate signal.

(17) On the initial trip following a blasting operation, no bucket transporting workers shall be lowered below a point,

- (a) less than fifteen metres above the blasting set or bulkhead; or

- (b) where the health and safety of workers is likely to be endangered.

(18) Below the point prescribed in subsection (17), the bucket shall be lowered slowly on the signal of the workers being transported and only a sufficient number of workers shall be transported on the initial trip as are required to conduct a proper examination of the part of the shaft that may be affected by the blast. O. Reg. 660/79, s. 229 (6-18)..

230.—(1) No person shall operate, or be permitted to operate a hoist, unless that person,

- (a) is in possession of a subsisting hoistman's medical certificate;

- (b) is over eighteen years of age, if the mine hoist does not transport persons;

- (c) is over twenty-one years of age, if the mine hoist transports persons;

- (d) is a competent person or, in the case of a worker being trained to operate the hoist, is under the direct supervision of a competent person; and

- (e) is physically and mentally fit to discharge the duties of a hoist operator.

(2) A person operating a hoist shall,

- (a) undergo a medical examination by a physician before commencing work as a hoist operator and every twelve months thereafter; and

- (b) obtain a hoistman's medical certificate from the physician certifying that the person is physically fit to operate a hoist and is not subject to any infirmity of body and mind that

may interfere with the duties of a hoist operator.

(3) A hoistman's medical certificate shall,

- (a) be kept available for inspection; and

- (b) expire twelve months after its date.

(4) A hoistman's medical certificate shall be in the following form:

#### *Occupational Health and Safety Act*

#### HOISTMAN'S MEDICAL CERTIFICATE

I have this day examined

Name .....  
and certify he is physically fit to operate a hoist and is not subject to any infirmity of body or mind that may interfere with the duties of a hoist operator.

Signature of legally qualified medical practitioner .....

.....  
Date

O. Reg. 660/79, s. 230.

231.—(1) A report shall be made by the hoist operator in the Hoistman's Log Book for each shift performed by him of,

- (a) the working condition of,

- (i) the hoist brakes, clutches and clutch brake interlocks,

- (ii) the depth indicator,

- (iii) the signal system,

- (iv) the hoist controls,

- (v) the overwind and underwind devices. and

- (vi) other devices which may affect safe hoist operation;

- (b) any instructions given to him affecting hoist operations;

- (c) any unusual circumstances in connection with the operation of the hoist;

- (d) the results of any tests prescribed by this Regulation;

- (e) any trial trips;

- (f) any inadvertent stoppages; and

- (g) his actual starting and finishing time.

(2) The hoist operator shall,

(a) review and countersign all entries in the Hoistman's Log Book for the preceding two shifts; and

(b) sign in the Hoistman's Log Book for his period of duty.

(3) A person issuing instructions to the hoist operator shall record and sign such instructions in the Hoistman's Log Book.

(4) The supervisor in charge of a mine hoist shall review and countersign each working day the entries in the Hoistman's Log Book for the preceding twenty-four hour work period.

(5) The Hoistman's Log Book shall be kept in the hoistroom and available for inspection. O. Reg. 660/79, s. 231.

232. A hoist operator shall,

(a) at the start of his shift,

(i) test for the satisfactory working conditions of the hoist brakes, and

(ii) test the holding capacity of any friction clutch,

in accordance with a procedure established for the hoist;

(b) at least once in twenty-four hours of use of a hoist, test the overwind and underwind protective devices by operating the hoist into them;

(c) make a return trip of a shaft conveyance,

(i) through the working part of a shaft, if there has been a stoppage in hoisting for a period exceeding two hours, and

(ii) below any part of a shaft that has been under repair, after the repairs have been completed;

(d) remain at the hoist controls when the hoist is in motion under manual control;

(e) except when the hoist is on automatic control, apply the hoist brakes and set the controls to remove power from the hoist motors before leaving the hoist operator's position;

(f) not be in voice communication when the hoist is in motion and under his manual control, except during an emergency or during maintenance and examination;

(g) make sure that at least two brakes can be applied to stop a hoist drum when the shaft conveyance is transporting any person;

(h) not lower persons on an unclutched drum;

(i) when heavy loads or irregularly shaped loads are on or under the shaft conveyance, operate the hoist with caution;

(j) complete the hoist movement required by an executive signal after the hoist movement is begun unless there is a signal to stop or an emergency signal; and

(k) upon receiving a 3-bell executive signal, remain at the hoist controls unless the hoist movement required by the signal is completed. O. Reg. 660/79, s. 232.

233. No person shall,

(a) operate or interfere with devices or controls for operating a hoist unless authorized;

(b) speak to the hoist operator while he is operating the hoist on manual control, except in an emergency or when the hoist is being repaired, maintained or adjusted;

(c) be on a cage while it is being placed onto or removed from chairs;

(d) be in, on or under a shaft conveyance or counterweight which is supported by an unclutched drum, except when the conveyance or counterweight is secured in position, or during shaft sinking and preliminary development work during shaft sinking;

(e) leave a shaft conveyance that has inadvertently stopped at a point other than a shaft station, except upon instruction from an authorized person outside the conveyance;

(f) put to use any chairs for landing a cage, unless,

(i) a signal for chairing has been made and returned, or

(ii) special arrangements have been made to operate a cage with a car, in balance, from that location;

(g) permit the normal operation of a mine hoist if an object which may be a hazard to the operation of a shaft conveyance or counterweight has fallen down a mine shaft until,

(i) a shaft inspection or a trial run through the affected part has been made,

(ii) any obstructions have been removed, and

(iii) any damage affecting safe operation has been repaired. O. Reg. 660/79, s. 233.

234.—(1) The hoist operator shall be instructed in the procedures to follow in operating the hoist where there is,

- (a) an intermediate shaft obstruction;
- (b) an emergency; and
- (c) an inadvertent hoist stoppage,

and he shall be instructed in the procedures for operating any man safety devices.

(2) A notice shall be posted in the hoistroom warning that no person shall speak to the hoist operator while the hoist operator is operating the hoist on manual control, except in an emergency or when the hoist is being repaired, maintained or adjusted.

(3) A hoist operator shall be available at a mine to manually operate an automatically controlled mine hoist when persons are underground.

(4) A competent person or persons shall be designated to,

- (a) give mine shaft signals;
- (b) be in charge of a shaft conveyance;
- (c) maintain discipline of persons riding in a shaft conveyance;
- (d) enforce the load limits for the shaft conveyance; and
- (e) notify the hoist operator of heavy loads or irregular shaped loads on or under the shaft conveyance.

(5) Procedures shall be adopted for removing persons from a shaft conveyance which has stopped inadvertently at a place in a shaft other than a shaft station. O. Reg. 660/79, s. 234.

235.—(1) No person shall be transported in a shaft conveyance,

- (a) that is a cage, unless the cage doors are closed;
- (b) while the conveyance is transporting ore or waste;
- (c) that is a multi-deck cage, where supplies or service rolling stock are being transported, except that persons may be carried on the top deck when,
  - (i) such materials are carried on another deck,
  - (ii) the materials are adequately secured,
  - (iii) the doors of the top deck are closed,

(iv) the combined load does not exceed 85 per cent of the material load limit of the conveyance, and

(v) the scheduled trips for persons have been completed;

(d) where personal hand tools or equipment are being transported, unless such tools or equipment are,

(i) protected by guards,

(ii) secured, and

(iii) the combined load does not exceed 85 per cent of the material load limit of the conveyance;

(e) unless a worker authorized to give signals is in charge of the conveyance; and

(f) with explosives, supplies or service rolling stock.

(2) Notwithstanding clause (1) (f), those workers required to handle explosives, supplies or service rolling stock may be transported with the explosives, supplies or service rolling stock if space is provided for the safety of the workers and the combined load does not exceed 85 per cent of the material load limit of the conveyance. O. Reg. 660/79, s. 235.

236. No mine hoisting plant shall be put to, or continued in, normal service if it is or ought to be known to have a defect or be in an improper state of repair except for the purpose of correcting the defect or improper state of repair. O. Reg. 660/79, s. 236.

237.—(1) A competent person or persons shall be appointed to examine an electrically powered or controlled hoist.

(2) An examination shall be made at least once each week of the,

- (a) hoist motors;
- (b) hoist controls;
- (c) electrical safety devices; and
- (d) signalling devices.

(3) A record of the examination, servicing and repair shall be made in the Electrical Hoist Equipment Record Book.

(4) The entries in the Electrical Hoist Equipment Record Book shall be dated and signed by the person performing the examination, servicing or repairs.

(5) A record of a failure or accident involving an electrical component of a hoist motor and controls, electrical safety and signalling devices shall be made in

the Electrical Hoisting Equipment Record book by the supervisor in charge of electrical hoisting equipment.

(6) The supervisor in charge of the mine hoisting plant shall,

- (a) at least once each week, review the entries made in the Electrical Hoisting Equipment Record Book during the preceding week;
- (b) ascertain that the examinations prescribed in subsection (2) have been made and all necessary work done; and
- (c) upon completion of each review required by clause (a), certify in the Electrical Hoisting Equipment Record Book that he has complied with clauses (a) and (b). O. Reg. 660/79, s. 237.

238.—(1) A competent person or persons shall be appointed to examine the mechanical parts of a mine hoisting plant in accordance with subsection (2).

(2) An examination shall be made,

- (a) at least once in each normal production day of the,
  - (i) exterior of each hoisting and tail rope to detect the presence of kinks or other damage and to note the appearance of the rope dressing, and
  - (ii) safety catches of the shaft conveyance for any defects;
- (b) at least once in each week of,
  - (i) any conveyance safety mechanisms for proper adjustment and freedom of movement,
  - (ii) any head, deflection or idler sheaves, their shafting and bearer and sole plates,
  - (iii) the attachments of each shaft rope,
  - (iv) the attachments on any shaft conveyance or counterweight,
  - (v) any shaft conveyance, counterweight and work platform,
  - (vi) the hoist parts, brakes, brake-clutch interlocks, depth indicators,
  - (vii) any hoisting equipment being used for shaft sinking, and
  - (viii) any auxiliary brake operating weights to assure their freedom of movement and holding capacity;
- (c) at least once each month of,

(i) the shaft ropes to determine,

- (A) the amount of wear, distortion and corrosion,
- (B) the need for lubrication,
- (C) the need for changing the wear patterns,

(ii) the hoisting ropes of a friction hoist for rope stretch,

(iii) the hoisting ropes for the number and location of broken wires, and

(iv) the friction treads of a friction hoist;

(d) at least once every six months of service of,

(i) the hoisting rope of a drum hoist within the attachments at the drum and at the drum sprout, and

(ii) the hoisting rope of a friction hoist within attachments at the shaft conveyance or counterweight in accordance with an established procedure; and

(e) at least once every twelve months of,

(i) bolt locking devices, foundation bolts and all bolts critical to hoist safety, and

(ii) the bails, suspension gear and structure of the shaft conveyance and counterweight.

(3) At least once every three months, the safety catches and mechanisms of the cage or other shaft conveyance shall be tested and such tests shall consist of releasing the empty conveyance suddenly in some suitable manner from rest, so that the safety catches have the opportunity to grip the guides and, where the safety catches do not act satisfactorily, the cage or other shaft conveyance shall not be used for lowering or raising workers until the safety catches have been repaired and tested and shown to act satisfactorily.

(4) Hoisting ropes in use on a drum hoist shall be cleaned when necessary and shall be dressed with lubricant at least once each month so as to maintain a good coating and a record of the cleaning and dressing shall be entered in the Hoisting Machinery Record Book and the entry shall be dated and signed by the supervisor in charge of the work.

(5) After every six months of service on a drum hoist the portion of the hoisting rope that is within the clamps at the attachment of a shaft conveyance or counterweight shall be cut off.

(6) After every eighteen months of service on a friction hoist the portion of the hoisting rope and tail rope

that is within the wedge and socket attachments shall be cut off.

(7) An examination shall be made by a competent person, using non-destructive methods acceptable to an engineer of the Ministry, to determine the condition of the,

- (a) mine hoist shafting, brake pins and linkages; and
- (b) structural parts, attachment pins and draw-bars of a shaft conveyance and counter-weight,

and such examination shall be made,

- (c) after installation and before first use of the parts; and
- (d) at regular intervals that are no greater than,
  - (i) those recommended by the competent person performing such an examination, or
  - (ii) as required by an engineer of the Ministry.

(8) Drawings of the parts to be examined under subsection (7) shall be made available, upon request, to the person performing the examination.

(9) A record of the examinations required by this section and any servicing and repairs shall be entered in the Hoisting Machinery Record Book and the entries in the Record Book shall be dated and signed by the person performing the examination, servicing or repairs.

(10) A record of a failure and accident involving a mechanical part of a mine hoisting plant shall be made in the Hoisting Machinery Record Book by the supervisor in charge of the mechanical hoisting equipment.

(11) The supervisor in charge of the mechanical parts of the mine hoisting plant shall countersign each entry made in the Hoisting Machinery Record Book with respect to examinations made under subsection (7).

(12) The supervisor in charge of the mine hoisting plant shall,

- (a) at least once each week, review the entries made in the Hoisting Machinery Record Book during the preceding week;
- (b) ascertain that the examinations required by this section have been made and all necessary work done; and
- (c) upon completion of the review required by clause (a), certify in the Hoisting Machinery Record Book that he has complied with clauses (a) and (b). O. Reg. 660/79, s. 238.

239.—(1) An examination shall be made by a competent person of,

- (a) the mine shaft, at least once every week;
- (b) the shaft guides, timbers, walls, and compartments used for hoisting, at least once every month;
- (c) the headframe, headframe foundation and backlegs, sheave deck, dump, bin and bin supports, at least once every year;
- (d) the shaft sump, at such frequency as is necessary to assure that the tail, guide and rubbing rope connections are clear of water and spillage; and
- (e) water in the shaft sump at least once every year to determine its pH.

(2) A record of the examinations required by subsection (1) and any servicing and repairs shall be entered in the Shaft Inspection Record Book and such entries shall be dated and signed by the person performing the examination, servicing or repairs.

(3) The supervisor in charge of the mine shaft and headframe shall,

- (a) at least once each week, review the entries made in the Shaft Inspection Record Book during the preceding week;
- (b) ascertain that the examinations required by subsection (1) have been made and all necessary work done;
- (c) upon completion of the review required by clause (a), certify in the Shaft Inspection Record Book that he has complied with clauses (a) and (b). O. Reg. 660/79, s. 239.

240. The ropes, sheaves, brakes, attachments and other parts of a utility or tugger hoist shall be regularly examined by a competent person and kept in safe condition. O. Reg. 660/79, s. 240.

## PART XI

### WORKING ENVIRONMENT

241.—(1) Any system for heating ventilating air by means of a direct gas-fired non-recirculating make-up air heater using natural, propane or propane-air gases shall,

- (a) meet at least the specifications for equipment and be installed, operated and maintained to conform to National Standard of Canada CAN—1—3.7—77; and
- (b) be operated so as to reduce the risk of external fire or explosion.

(2) A log book in which records of service, maintenance and tests for the system are recorded shall be kept and maintained. O. Reg. 660/79, s. 241.

**242.**—(1) In a mining plant building, a ventilation system shall be provided, maintained and used, that will,

- (a) provide a partial pressure of oxygen in the atmosphere of more than eighteen kilopascals to all work places therein; and
- (b) dilute and remove from the atmosphere of a work place, agents that are likely to endanger the health or safety of a worker; or
- (c) prevent the exposure of a worker in a work place to agents in the atmosphere that are likely to endanger the health or safety of a worker.

(2) Accurate plans and records of a mining plant building ventilation system shall be kept and maintained, showing,

- (a) the location of all ventilation openings;
- (b) the location of all ventilation fans;
- (c) the volumes of air in cubic metres per second handled by the fans and openings;
- (d) the volumes of air in cubic metres per second withdrawn by processing equipment; and
- (e) the location and functions of all ventilation regulating doors, louvres or other devices.

(3) Where in a mining plant the atmosphere may contain chemical or physical agents that are likely to endanger the health and safety of a worker, equipment for the detection of such agents shall be provided and such equipment shall be readily accessible. O. Reg. 660/79, s. 242.

**243.**—(1) In an underground mine, a mechanical ventilation system shall be provided, maintained and used that will,

- (a) provide a partial pressure of oxygen of more than eighteen kilopascals; and
- (b) dilute and remove contaminants from all work places therein to prevent exposure of a worker to contaminants in excess of the values adopted as criteria or guides under section 279.

(2) Accurate plans and records of a mechanical ventilation system in an underground mine shall be kept and maintained showing,

- (a) the location of all ventilation fans;
- (b) the volumes of air in cubic metres per second handled by the ventilation fans;

(c) the fan operating gauge pressure;

(d) the direction of flow of main ventilating airflows;

(e) the location and function of all fire doors; and

(f) the location and function of all ventilation doors, brattices, stoppings and regulators controlling airflows. O. Reg. 660/79, s. 243.

**244.**—(1) In an underground mine,

(a) subject to clause (b), a development, exploration or production work place shall be ventilated throughout by an auxiliary ventilation system for any advance in excess of sixty metres from a mechanical mine ventilation system; and

(b) a continuous supply of fresh air shall be provided and used to dilute and remove contaminants,

(i) in a raise, and

(ii) in a sub-drift for any advance in excess of ten metres from a mechanical mine ventilation system,

to prevent exposure of a worker to contaminants in excess of the values adopted as criteria or guides under section 279.

(2) The fresh air supply prescribed by clause (1) (b) shall be,

(a) independent of the air supplied by any drill or machine used;

(b) controlled only at the beginning of the raise or sub-drift; and

(c) operating when a blast is detonated. O. Reg. 660/79, s. 244.

**245.**—(1) An underground area that is not part of an underground mine ventilation system shall,

(a) be effectively barricaded to prevent inadvertent entry;

(b) be posted with signs to warn a person that entry is prohibited; and

(c) subject to subsection (3), be examined by a competent person before any other person enters or is permitted to enter the underground area.

(2) The examination prescribed in clause (1) (c) shall consist of an examination for,

(a) oxygen deficiency due to a partial pressure of oxygen in the atmosphere less than eighteen kilopascals;

- (b) the presence of a toxic gas, vapour, dust, mist or fume; and
- (c) any other dangerous condition.

(3) Before a competent person examines the underground area he shall be provided with instructions in writing setting out,

- (a) the hazard involved;
- (b) the use of testing equipment required;
- (c) the personal protective devices he is required to use or wear; and
- (d) any other precautions and procedures to be taken for his protection. O. Reg. 660/79, s. 245.

246. The cyanide content in the liquid portion of the tailings used for underground fill and in the effluent from the filled area shall be less than 0.005 milligrams per litre expressed as cyanide of potassium. O. Reg. 660/79, s. 246.

247. In an underground mine, clean water under pressure shall be made available for dust control purposes in a work place where rock or ore is drilled, blasted, loaded or transported. O. Reg. 846/79, s. 21.

248. In an underground mine, broken rock or ore shall be thoroughly wetted by water.

- (a) during blasting operations or immediately thereafter; and
- (b) when the ore or rock is being loaded or scraped. O. Reg. 660/79, s. 248; O. Reg. 846/79, s. 22.

249. Sections 247 and 248 do not apply at a salt mine or any other operation where the ore or rock is hygroscopic. O. Reg. 660/79, s. 249.

250. No person shall enter or remain, or be permitted to enter or remain, in a work place affected by blasting contaminants until the ventilation system has removed the contaminants or rendered them harmless. O. Reg. 660/79, s. 250.

251. In an underground mine a battery-charging station shall be ventilated to prevent the accumulation of an explosive mixture of gases. O. Reg. 660/79, s. 251.

252. Effective illumination by means of stationary lighting shall be provided in an underground mine,

- (a) at all active shaft stations and shaft conveyance landings where workers are required to travel or work; and
- (b) where the nature of the equipment or the operation may create a hazard due to insufficient illumination. O. Reg. 660/79, s. 252.

253. The level of illumination in a mining plant where workers are required to travel and work shall conform to CSA Standard C92.1 - 1975, "Industrial Lighting". O. Reg. 660/79, s. 253.

254. In a work place in a building which is solely dependent on artificial lighting and where a failure of the regular lighting system would create conditions that might endanger the safety of any person in the building, emergency lighting shall be provided which,

- (a) turns on automatically when the regular lighting fails;
- (b) is independent of the regular lighting source;
- (c) provides adequate lighting for evacuation of the building; and
- (d) shall be tested as frequently as necessary to ensure the system will function in an emergency but not less frequently than recommended by the manufacturer.

O. Reg. 660/79, s. 254.

255. Compressed air used for breathing purposes in air supplied respirators shall conform to CSA Standard Z180.1-M-1978, "Purity of Compressed Air for Breathing Purposes". O. Reg. 846/79, s. 23.

256. Where dust or other material is likely to cause a hazard by becoming airborne, the dust, or other material, shall be removed with a minimum of delay by,

- (a) vacuuming;
- (b) wet sweeping;
- (c) wet shovelling; or
- (d) other suitable means. O. Reg. 660/79, s. 256.

257. A metallurgical survey by mass of origin, hold-up and destination of potentially hazardous minor elements, including but not limited to lead, mercury, arsenic, selenium, tellurium, cadmium and antimony shall be conducted quarterly in a mining plant. O. Reg. 660/79, s. 257.

258. An annual survey of use by mass of potentially hazardous chemical reagents shall be made in a mining plant. O. Reg. 660/79, s. 258.

259. Where a potentially hazardous chemical reagent has caused a medical or compensable injury,

- (a) an annual record shall be maintained for the reagent,
  - (i) specifying its trade name and chemical composition, and
  - (ii) identifying all possible toxic chemical elements and compounds of the reagent;
- (b) a record of the injury caused by the reagent shall be kept. O. Reg. 660/79, s. 259.

260. A copy of the records and the surveys required under sections 257, 258 and 259 shall be sent to the Director annually. O. Reg. 660/79, s. 260.

261. Subject to section 263, a confined space shall be entered only where,

- (a) there is an easy egress from all accessible parts of the confined space;
- (b) mechanical equipment in the confined space is,
  - (i) disconnected from its power source, and
  - (ii) locked out;
- (c) all pipes and other supply lines except those required for the work therein are blanked off; and
- (d) the confined space is tested and evaluated by a competent person who,
  - (i) records the results of each test in a permanent record, and
  - (ii) certifies in writing in the permanent record that the confined space,
    - (A) is free from hazard, and
    - (B) will remain free from hazard while any person is in the confined space having regard to the nature and duration of the work to be performed.

262. Subject to section 263, a confined space in which there exists or is likely to exist,

- (a) a toxic gas, vapour, dust or fume; or
- (b) a partial pressure of oxygen in the atmosphere of less than eighteen kilopascals or more than twenty-three kilopascals,

shall not be entered unless,

- (c) the requirements of section 261 are complied with;
- (d) the space is purged and ventilated to provide a safe atmosphere;
- (e) the measures necessary to maintain a safe atmosphere have been taken;
- (f) another person is stationed outside the confined space;
- (g) suitable arrangements have been made to remove the person from the confined space should he require assistance; and
- (h) a person adequately trained in artificial respiration is conveniently available. O. Reg. 660/79, s. 262.

263. Notwithstanding sections 261 and 262, confined space in which there exists or is likely to exist,

- (a) a toxic gas, vapour, dust or fume; or
- (b) a partial pressure of oxygen in the atmosphere when measured and corrected to standard atmospheric pressure of less than eighteen kilopascals or more than twenty-three kilopascals,

and that cannot be purged and ventilated to provide and maintain a safe atmosphere may be entered if,

- (c) all the requirements of the said section 261, except of subclause (d) (ii) thereof, are complied with;
- (d) the person entering is using a suitable breathing apparatus and a safety harness or other similar equipment to which is securely attached a rope, the free end of which is held by a person equipped with an alarm who is keeping watch outside the confined space;
- (e) the person entering is using such other equipment as is necessary to ensure his safety;
- (f) the safety harness, rope and other equipment mentioned in clause (d) have been inspected by a competent person and are in good working order; and
- (g) a person adequately trained in artificial respiration is conveniently available. O. Reg. 660/79, s. 263; O. Reg. 846/79, s. 24.

264.—(1) Subject to subsection (2), where the gas or vapour in a confined space is or is likely to be explosive or flammable, the confined space shall be entered only where,

- (a) the concentration of the gas or vapour does not or is not likely to exceed 50 per cent of the lower explosive limit of the gas or vapour; and
- (b) the only work to be performed is that of cleaning or inspection and of such a nature that it does not create any source of ignition.

(2) Cold work may be performed in a confined space in which there exists or is likely to exist an explosive or flammable gas or vapour where the concentration does not, and is not likely to, exceed 10 per cent of the lower explosive limit of the gas or vapour. O. Reg. 660/79, s. 264.

265. The requirements of sections 261, 262, 263 and 264 apply with all necessary modifications to any confined space while any person remains in that space. O. Reg. 660/79, s. 265.

266.—(1) Subject to subsections (3), (4) and (5), toilets and washbasins in a mining plant shall be provided in accordance with the following Table:

TABLE

Number of Workers	Number of facilities	
	Toilets	Washbasins
1 to 9	1	1
10 to 24	2	2
25 to 49	3	3
50 to 74	4	4
75 to 100	5	5
Add one toilet and one washbasin for each additional thirty workers or fraction thereof.		

## (2) In a washroom,

- (a) a toilet shall be enclosed by walls or partitions and a door that is capable of being locked from the inside to provide privacy to a person using the toilet;
- (b) hot and cold water shall be supplied to each washbasin;
- (c) ventilation to the outdoors capable of providing ten changes of air per hour shall be provided;
- (d) a reasonable supply of personal hygiene supplies and equipment shall be provided,

and where separate washrooms are provided for each sex, a legible sign indicating the sex by which the washroom is to be used shall be posted at the door.

(3) In calculating the number of toilets and washbasins required by the Table in subsection (1), the number of workers in the Table in subsection (1) shall be that number of workers who are normally present on the premises for more than 25 per cent of their working shift.

(4) Urinals may be substituted for one-half of the required number of toilets for males and for this purpose each 600 millimetres of straight trough urinal may be counted as one urinal.

(5) For the purpose of this section, each 500 millimetres of circumference of a circular wash fountain or length of straight trough washbasin may be counted as one washbasin.

(6) Water that is to be used for personal washing purposes shall not,

- (a) exceed 60°Celsius at any outlet; or
- (b) be directly mixed with steam. O. Reg. 660/79, s. 266.

267. Suitable sanitary conveniences shall be provided in a mine in accordance with the following requirements:

1. Where workers are employed in an underground mine, one toilet shall be provided for every twenty-five workers or portion thereof on any shift.
2. Where workers are employed at a surface mine, one toilet and one urinal shall be provided for every twenty-five workers or portion thereof on any shift.
3. A toilet at a mine shall be,
  - i. of the water flushing type or of a sanitary design and shall be located in an individual compartment with a suitable floor and a door which can be locked,
  - ii. provided with toilet paper, clothes hooks and such other sanitary facilities as may be considered necessary,
  - iii. where electrical facilities are reasonably available, be provided with lighting, and
  - iv. be kept clean and sanitary and the contents disposed of regularly.
4. A toilet in an underground mine shall be located in a well-ventilated part of the underground mine and be conveniently placed having regard to the number of workers employed on the different levels of the mine. O. Reg. 660/79, s. 267.

268.—(1) Suitable and adequate facilities to wash and shower and to change and dry their clothing shall be provided for workers,

- (a) at an underground mine; and
- (b) at a surface mine, where the workers are subject to dusty, dirty or wet conditions.

(2) At an underground mine, the facilities, required by subsection (1) shall be located,

- (a) when above ground, near the principal entrance of the mine;
- (b) unless of non-combustible construction, not nearer than fifteen metres to a shafthouse or portal house; and
- (c) not in a hoistroom or boilerhouse, unless a separate, properly constructed room is provided.

(3) At a surface mine, where the facilities required by subsection (1) are located at a considerable distance from the place of work, adequate transportation to the facilities from the work place shall be provided to the workers in inclement weather.

(4) Where practical, protection from the elements between the shaft entrance and the change rooms shall be provided. O. Reg. 660/79, s. 268.

269. Where the clothing of a worker is likely to be contaminated by a biological or chemical agent that may be a hazard to health or by a designated substance, suitable facilities shall be provided for,

- (a) laundering work clothing; and
- (b) keeping workclothes separate from street clothes. O. Reg. 660/79, s. 269.

270.—(1) Cool potable drinking water shall be provided in mining plants,

- (a) from,
  - (i) a fountain with an upward jet, or
  - (ii) a tap from a piped water supply or a covered vessel, together with a supply of single-use cups in a sanitary container located near the tap;

- (b) on every floor where work is regularly performed; and
- (c) within 100 metres of any area where work is regularly performed.

(2) In underground mines cool potable drinking water shall be provided at locations that,

- (a) are reasonably accessible to a worker; and
- (b) shall be kept in a clean and sanitary condition.

(3) All potable drinking water in a mine or mining plant shall be governed by the guide imposed as a standard of Drinking Water Objectives set by the Ministry of the Environment. O. Reg. 660/79, s. 270.

271.—(1) Where more than fifteen workers congregate to eat, a lunchroom or eating area sufficiently large to accommodate all such workers shall be provided.

(2) A lunchroom or eating area shall be adequately provided with,

- (a) light, heat and ventilation;
- (b) hand washing and drying facilities, including hot water;
- (c) suitable facilities for warming food; and
- (d) suitable seating facilities.

(3) All lunchrooms or eating areas shall be kept in a clean and sanitary condition.

(4) Laboratory glassware, utensils or similar or related equipment shall not be used for eating, drinking or cooking purposes. O. Reg. 660/79, s. 271.

272.—(1) In addition to the requirements for first aid prescribed under the *Workmen's Compensation Act*, equipment shall be provided to facilitate the rescue of injured workers.

(2) At every mining plant where poisonous or dangerous compounds, solutions or gases are present, there shall be kept or installed in a conspicuous place, as near the compounds, solutions or gases as is practical,

- (a) antidotes and washes;
- (b) eye wash fountains; and
- (c) where necessary, showers for treating injuries received from such compounds, solutions or gases.

(3) Antidotes and washes required under subsection (2) shall be properly labelled and explicit directions for their use shall be affixed to the boxes containing them. O. Reg. 660/79, s. 272.

273. In this section and in sections 274, 275, 276, 277 and 278,

- (a) "applicant" means a person lacking a valid certificate who is seeking employment in a dust exposure occupation;
- (b) "certificate" means a certificate given under subsection 274 (1);
- (c) "dust exposure occupation" means,
  - (i) employment in an underground mine,
  - (ii) employment at the surface of an underground or surface mine in ore or rock crushing operations, or
  - (iii) where hazardous dust concentrations may exist; and
- (d) "medical officer" means a medical officer appointed by the Minister of Labour. O. Reg. 660/79, s. 273; O. Reg. 846/79, s. 25.

274.—(1) No applicant shall be employed in a dust exposure occupation, and no worker shall continue to be employed in a dust exposure occupation unless he is given a certificate by a medical officer that he is suitable for employment in a dust exposure occupation.

(2) An applicant may appeal from the decision of a medical officer to the Director and the provisions of section 32 of the Act, with all necessary modifications, shall apply. O. Reg. 660/79, s. 274.

275. A certificate shall be,

- (a) left in the custody of the employer during the period of the worker's employment; and
- (b) returned to the worker upon the termination of his employment. O. Reg. 660/79, s. 275.

276.—(1) The holder of a subsisting certificate shall be re-examined by a medical officer at least biennially.

(2) Subject to subsection (3), a certificate may remain in good standing when,

- (a) a travelling medical officer is unable to conduct an examination prior to the expiry date; or
- (b) the holder of a certificate is unable to present himself for examination because of illness or other circumstances beyond his control.

(3) The holder of a certificate described in subsection (2) shall present himself for re-examination at the first available opportunity. O. Reg. 660/79, s. 276.

277. An examination by a medical officer shall consist of,

- (a) a pre-placement medical examination including,
  - (i) postero-anterior and left lateral chest X-ray, and
  - (ii) pulmonary function tests including at least forced vital capacity (FVC), forced expiratory volume in one second (FEV) and forced expiratory flow from 25 per cent to 75 per cent of vital capacity (FEF) or a flow rate test equivalent to the latter; and
- (b) a medical examination taken at least biennially including a,
  - (i) a postero-anterior X-ray, and if required by the Chief, Industrial Chest Disease Service of the Ministry, a left lateral chest X-ray, and
  - (ii) the pulmonary function tests prescribed in subclause (a) (ii). O. Reg. 660/79, s. 277.

278. Where a worker has been employed in a radiation exposure occupation at a uranium mine for five years, he shall undergo a sputum cytology or other biological tests by a medical officer and thereafter biennially. O. Reg. 660/79, s. 278.

279. As a factor to be considered under clause 20 (8) (f) of the Act, the "TLV's Threshold Limit Values for Chemical Substances and Physical Agents in the Workroom Environment with Intended Changes for 1979", of the American Conference of Governmental Industrial Hygienists, are adopted as criteria or guides. O. Reg. 660/79, s. 279.

280.—(1) Where the Director issues an order under subsection 20 (1) of the Act, the Director may specify therein,

- (a) that a program to monitor the exposure of a worker to levels of a particular biological, chemical or physical agent or combination of such agents in a work place be established and maintained;
- (b) the measures and procedures to be taken and used in such program, including the equipment and the methods of analyses to be used;
- (c) the time or frequency of monitoring; and
- (d) the particular place or places where monitoring is to be carried out.

(2) Within seven days of their being obtained by the employer, the results of the analyses shall be,

- (a) sent to the Director;
- (b) posted for a period of fourteen days in the work place where the program is being carried out; and
- (c) sent to the health and safety representative, joint health and safety committee and the trade union, if any.

(3) A worker in whose work place a monitoring program is being carried out shall be informed of the purpose and measurement procedures of the monitoring program.

(4) The results of the analyses of a monitoring program mentioned in subsection (1), shall be kept by the employer for a period of twenty years from the date the results were obtained. O. Reg. 660/79, s. 280.

281. Where a box, drum or other container contains a biological or chemical agent which is likely to affect the health or safety of a worker, the box, drum or other container shall be labelled in clear legible print to identify the agent and the label shall state the precautions to be taken in the handling, use, storage and disposal of the agent. O. Reg. 660/79, s. 281.

282. Where a local exhaust ventilation system recirculates air to the work place provision shall be made for a make-up air supply system having sufficient volume to keep any contaminants below the values adopted as criteria or guides under section 279 and the contaminant level in the recirculated air shall not exceed 20 per cent of the values adopted as criteria or guides under the said section 279. O. Reg. 660/79, s. 282.

## REGULATION 695

### under the Official Notices Publication Act

#### RATES

1.—(1) The rates payable for publication of matters in *The Ontario Gazette* are,

(a) on the first insertion, for a double-column insertion of,

(i) a notice of the sale of land for arrears of taxes, \$6.25, plus \$3.75 for each six millimetres of columnar space or fraction thereof for a list of land liable to be sold for arrears of taxes, and

(ii) all other matter where the matter does not exceed twenty-five millimetres of columnar space, \$15, and where the matter exceeds twenty-five millimetres of columnar space, \$15 plus \$3.75 for each six millimetres or fraction thereof of columnar space in excess of twenty-five millimetres;

(b) on each additional insertion of a matter referred to in clause (a), one-half of the rate payable under subclause (a) (i) or (ii), as the case may be;

(c) on the first insertion, for a single-column insertion of all other matter,

(i) where the matter does not exceed twenty-five millimetres of columnar space, \$7.50, and

(ii) where the matter exceeds twenty-five millimetres of columnar space, \$7.50

plus \$1.90 for each six millimetres or fraction thereof of columnar space in excess of twenty-five millimetres; and

(d) on each additional insertion of a matter referred to in clause (c), one-half of the rate payable under subclause (c) (i) or (ii), as the case may be.

(2) The rates in subsection (1) shall be paid as follows:

1. Upon submitting the copy of a matter for publication,

i. \$6.25 for the first insertion of a matter referred to in subclause (1) (a) (i),

ii. \$15 for the first insertion of a matter referred to in subclause (1) (a) (ii), and

iii. \$7.50 for the first insertion of a matter referred to in clause (1) (c).

2. The balance upon receipt of an account from the Queen's Printer. O. Reg. 605/79, s. 1.

2.—(1) The rates payable for copies of *The Ontario Gazette* are,

(a) by subscribers for a subscription of fifty-two weekly issues, \$30; and

(b) by others for a single copy, 75 cents.

(2) The rates in subsection (1) shall be paid in advance. O. Reg. 605/79, s. 2.



## REGULATION 696

### under the Oleomargarine Act

#### GENERAL

##### INTERPRETATION

#### 1. In this Regulation,

- (a) "analyst" means an analyst appointed under the Act;
- (b) "inspector" means an inspector appointed under the Act and includes the chief inspector;
- (c) "milk solids" means the solids consisting of butter fat, casein, albumen, sugar and ash in milk;
- (d) "refined oils" means fats or oils or any combination of fats and oils that have been refined or hydrogenated and that do not contain more than 1 per cent of substances other than fatty acids and fat. R.R.O. 1970, Reg. 625, s. 1; O. Reg. 602/77, s. 1.

##### LICENCES

2.—(1) Every person who manufactures oleomargarine is required to be the holder of a licence in Form 2 in respect of each location at which he manufactures oleomargarine.

(2) An application for a licence to manufacture oleomargarine shall be in Form 1.

(3) A licence to manufacture oleomargarine shall be in Form 2.

(4) The fee for a licence in Form 2 is \$500 in respect of each location at which oleomargarine is manufactured and shall accompany the application for the licence. R.R.O. 1970, Reg. 625, s. 2.

3.—(1) An application for a licence to sell oleomargarine by wholesale shall be in Form 3.

(2) A licence to sell oleomargarine by wholesale shall be in Form 4.

(3) The fee for a licence in Form 4 is \$5 and shall be forwarded with the application for the licence. R.R.O. 1970, Reg. 625, s. 3.

4.—(1) Licences are valid from and including the 1st day of January in the year of issue to and including the 31st day of December in the same year.

(2) Licences are not transferable. R.R.O. 1970, Reg. 625, s. 4.

##### STANDARDS OF QUALITY

5.—(1) Oleomargarine shall contain refined oils of animal, fish, marine-animal, marine or vegetable origin, or any combination thereof.

(2) The refined oils mentioned in subsection (1) shall,

(a) be fit for human consumption; and

(b) comprise,

(i) not more than 40 per cent, or

(ii) not less than 80 per cent,

by weight of the oleomargarine. R.R.O. 1970, Reg. 625, s. 6.

6.—(1) Where the refined oils mentioned in subsection 5 (1) comprise not less than 80 per cent by weight of the oleomargarine, and the oleomargarine contains,

(a) water, the water shall not exceed 16 per cent by weight of the oleomargarine; or

(b) milk solids, the milk solids shall not exceed 1.4 per cent by weight of the oleomargarine.

(2) Where the refined oils mentioned in subsection 5 (1) comprise not more than 40 per cent by weight of the oleomargarine, and the oleomargarine contains milk solids, the milk solids shall not exceed 2.8 per cent by weight of the oleomargarine. R.R.O. 1970, Reg. 625, s. 7.

7. Each holder of a manufacturer's licence shall make, and keep for a period of at least one year, a record in respect of the oleomargarine that he manufactures showing,

(a) the name or trade name under which the oleomargarine is sold in Ontario;

(b) the quantity of oleomargarine manufactured; and

(c) the names and addresses of the persons within Ontario to whom the oleomargarine is sold or delivered and the quantity sold or delivered to each person. R.R.O. 1970, Reg. 625, s. 8.

8. Each holder of a wholesaler's licence shall make, and keep for a period of at least one year, a record in respect of the oleomargarine that he buys showing,

- (a) the name or trade name under which the oleomargarine is sold in Ontario;
  - (b) the quantities of oleomargarine that are bought and sold by the wholesaler; and
  - (c) the names and addresses of the persons from whom the oleomargarine was obtained.
- R.R.O. 1970, Reg. 625, s. 9.

9.—(1) Every package other than an individual serving package containing oleomargarine shall be marked and labelled so that,

- (a) the word "oleomargarine" or "margarine" shall be on the main panel of the package in letters at least one-half of an inch high;
- (b) a list of the ingredients in the oleomargarine and the percentage of each such ingredient shall be on the package in letters at least one-sixteenth of an inch high; and
- (c) the kinds of refined oil forming an ingredient in the oleomargarine and the percentage that each kind is of the total refined oil shall be on,
  - (i) the main panel of the package, and
  - (ii) any panel of the package that is similar in appearance to the main panel,

in letters at least one-eighth of an inch high. R.R.O. 1970, Reg. 625, s. 10 (1); O. Reg. 602/77, s. 3 (1, 2).

(2) Where the trade name on a package containing oleomargarine appears on other than the main panel of the package, the trade name shall be followed by the word "oleomargarine" or "margarine" in letters at least three-eighths of an inch high. O. Reg. 602/77, s. 3 (3).

(3) Where the refined oils mentioned in subsection 5 (1) comprise not more than 40 per cent by weight of the oleomargarine, the word "diet" shall precede the word "oleomargarine" or "margarine" wherever it appears on the package containing oleomargarine in letters not smaller than those in the word "oleomargarine" or "margarine" which the word "diet" precedes. R.R.O. 1970, Reg. 625, s. 10 (3).

(4) Every package other than an individual serving package containing oleomargarine shall have legibly marked thereon in letters at least one-eighth of an inch high,

- (a) the name and address of the manufacturer or wholesaler thereof; or
  - (b) where the wholesaler is not the manufacturer, the name and address, or such other identification as may be approved by the chief inspector, of the manufacturer thereof.
- (5) Where oleomargarine is packaged in individual servings,
- (a) the word "oleomargarine" or "margarine" shall be on the main panel of the package in letters at least three-sixteenths of an inch high; and
  - (b) the kinds of refined oil and the percentage of each in the oleomargarine shall be on the main panel of the package in letters at least one-eighth of an inch high. O. Reg. 602/77, s. 3 (4).

#### POWERS AND DUTIES OF INSPECTORS

10.—(1) For the purpose of making an inspection an inspector may, at all reasonable hours, enter,

- (a) premises where oleomargarine is manufactured, stored, held for transport or delivery, or sold;
- (b) public eating-places; and
- (c) conveyances used for transport or delivery of oleomargarine or products used in the manufacturing of oleomargarine.

(2) In making an inspection an inspector may examine,

- (a) apparatus and equipment used in the manufacturing of oleomargarine;
- (b) materials or substances used in the manufacturing and packaging of oleomargarine; and
- (c) records of the manufacture, sale and delivery of oleomargarine. R.R.O. 1970, Reg. 625, s. 11 (1, 2).

(3) For the purpose of making an analysis of oleomargarine or food products that in his opinion contain oleomargarine, an inspector may obtain samples in sufficient quantity for making an analysis. O. Reg. 602/77, s. 4 (1).

(4) Where an inspector obtains a sample under subsection (3) he shall,

- (a) make a written report in Form 5 showing the time and place of obtaining the sample, the name of the person in charge of the

premises, a description of the oleomargarine or food products, the approximate quantity obtained and the price paid therefor; and

- (b) deliver a copy of the report to the person in charge of the premises or conveyance. R.R.O. 1970, Reg. 625, s. 11 (4); O. Reg. 602/77, s. 4 (2, 3).

(5) Where an analyst makes an analysis of a sample, he shall make a report to the chief inspector in Form 6 stating the component parts and the percentages thereof and the colour of the oleomargarine and the name of the manufacturer or trade name carried on the package, if any. O. Reg. 602/77, s. 4 (4).

#### DETENTION

11. Where an inspector finds oleomargarine that he has reasonable grounds to believe does not comply with the provisions of the Act and this Regulation, he may,

- (a) place the oleomargarine under detention for such period of time as is required for analysis of a sample of the oleomargarine by an analyst including the time required for the preparation and issuance of the analyst's report; and
- (b) take possession of and move the oleomargarine to suitable storage facilities at the risk and expense of the owner. O. Reg. 602/77, s. 6, *part*.

12.—(1) Where, after an analysis made under section 10 or 11, or as a result of visual inspection, an inspector is satisfied that the oleomargarine does not comply with the provisions of the Act and this Regulation, he may,

- (a) place the oleomargarine under detention; and
- (b) take possession of and move the oleomargarine to suitable storage facilities at the risk and expense of the owner.

(2) Where an inspector has placed oleomargarine under detention, he shall attach to the package or any container of packages a numbered tag having in bold type the words "oleomargarine under detention", in Form 7, and no person shall sell, offer for sale, move, allow or cause to be moved the oleomargarine or package or container of packages or remove the detention tag without the written authority of an inspector. O. Reg. 602/77, s. 6, *part*.

13. Where an inspector is satisfied that any oleomargarine that has been placed under detention complies with the Act and this Regulation, he may release it from detention by removing the detention tag. O. Reg. 602/77, s. 6, *part*.

14.—(1) Where oleomargarine does not comply with the Act and this Regulation, and

- (a) the oleomargarine was placed under detention;
- (b) the inspector delivered or sent by registered mail a copy of the inspector's report in Form 5 and, where an analysis was made, the analyst's report in Form 6 to the person in charge of the premises where the oleomargarine was placed under detention and to the manufacturer whose name appears on the package or container; and
- (c) a period of not less than thirty days has elapsed from the delivery or sending of the report or reports mentioned in clause (b),

the oleomargarine is confiscated and becomes the property of the Crown in right of Ontario.

(2) Where oleomargarine has been confiscated, it may be sold or otherwise disposed of as the chief inspector directs, and the money, if any, derived therefrom shall be paid to the Treasurer of Ontario. O. Reg. 602/77, s. 7 (2).

#### Form 1

##### *Oleomargarine Act*

#### APPLICATION FOR LICENCE TO MANUFACTURE OLEOMARGARINE

To The Chief Inspector,  
Oleomargarine Act,  
Ministry of Agriculture and Food,  
Legislative Buildings,  
Toronto.

.....  
(name of applicant)

.....  
(address)

applies for a licence to manufacture oleomargarine under the *Oleomargarine Act*, and in support of this application the following facts are stated:

- (1) Name.....  
(Give name of person, partnership or corporation, and if partnership, give names of all partners)
- (2) Business address.....
- (3) Name of plant operated.....
- (4) Address of plant.....
- (5) Name of manager.....

.....  
(signature of applicant)

By .....  
(title of official signing)

NOTE: Application to be accompanied by a fee of \$500.  
R.R.O. 1970, Reg. 625, Form 1.

**Form 2**  
*Oleomargarine Act*  
Year..... No.....

**MANUFACTURER'S LICENCE**  
  
Under the *Oleomargarine Act* and the regulations, and subject to the limitations thereof, this licence is issued to:  
  
Name .....  
  
Address.....County, etc. of .....  
to manufacture oleomargarine at.....  
(location)  
  
This licence expires with the 31st day of December, 19....

.....  
Chief Inspector  
R.R.O. 1970, Reg. 625, Form 2.

**Form 3**  
*Oleomargarine Act*  
  
APPLICATION FOR LICENCE TO SELL  
OLEOMARGARINE BY WHOLESALE

To The Chief Inspector,  
Oleomargarine Act,  
Ministry of Agriculture and Food,  
Legislative Buildings,  
Toronto.  
  
.....  
(name of applicant)  
  
.....  
(address)

applies for a licence to sell oleomargarine by wholesale under the *Oleomargarine Act*, and in support of this application, the following facts are stated:  
  
(1) Name.....  
(Give name of person, partnership or corporation, and if partnership, give names of partners)  
  
(2) Address of head office.....

(3) Name of manager.....  
(4) Business address.....  
  
.....  
(signature of applicant)

By.....  
(title of official signing)  
  
NOTE: Application to be accompanied by a fee of \$5.  
R.R.O. 1970, Reg. 625, Form 3.

**Form 4**  
*Oleomargarine Act*  
Year..... No.....

**WHOLESALER'S LICENCE**  
  
Under the *Oleomargarine Act* and the regulations, and subject to the limitations thereof, this licence is issued to:  
  
Name.....  
  
Address.....  
  
to sell oleomargarine by wholesale.  
  
This licence expires with the 31st day of December, 19....

.....  
Chief Inspector  
R.R.O. 1970, Reg. 625, Form 4.

**Form 5**  
*Oleomargarine Act*  
  
REPORT OF INSPECTOR

Date of inspection.....  
  
Premises or conveyance.....  
  
Location.....  
(address)  
  
Person in charge.....  
(name and position)  
  
Description of oleomargarine or materials or substances  
.....  
.....

Quantity in sample .....	...., (d) Reichert-Meissl value ...., (e) Polenske value
Identification of sample .....	...., (f) Kirschner value ...., and (g) acid value ....
Price paid for sample .....	3. I found the colour of the sample contains ....
Manufacturer or trade name .....	Lovibond units of red and yellow.
Was detention effected? ..... If so, amount under	I certify that the sample is ..... (fit or unfit)
detention ..... Tag No. ....	for human consumption.
Date ..... (signature of inspector)	Date ..... (signature of analyst)
R.R.O. 1970, Reg. 625, Form 5.	R.R.O. 1970, Reg. 625, Form 6.

**Form 6***Oleomargarine Act*

## REPORT OF ANALYST

Date and time of receipt of sample .....

Condition of sample when received .....

If in package, name of manufacturer or trade name on package .....

Quantity in sample .....

From whom received ..... (name and address)

Date of making examination or analysis of sample: .....

## RESULTS OF EXAMINATION AND ANALYSIS

1. I found the sample has the following component parts and percentages thereof: (a) refined oils of animal, fish, marine-animal, marine or vegetable origin or any combination thereof....per cent, (b) water....per cent, (c) milk solids....per cent, (d) salt....per cent, and (e) other parts and percentages: .....

2. I found by analysis of the refined oils in the sample the following values: (a) iodine value ....., (b) index of refraction ...., (c) saponification value

**Form 7***Oleomargarine Act*

## OLEOMARGARINE UNDER DETENTION

## TAG NO. ....

Under the *Oleomargarine Act* and the regulations, I have placed under detention\* the oleomargarine in the package or container of packages to which this tag is attached.

Date ..... (signature of inspector)

Section 12 of Regulation 696 of Revised Regulations of Ontario, 1980 reads as follows:

\* 12.—(1) Where, after an analysis made under section 10 or 11, or as a result of visual inspection, an inspector is satisfied that the oleomargarine does not comply with the provisions of the Act and this Regulation, he may,

(a) place the oleomargarine under detention; and

(b) take possession of and move the oleomargarine to suitable storage facilities at the risk and expense of the owner.

(2) Where an inspector has placed oleomargarine under detention, he shall attach to the package or any container of packages a numbered tag having in bold type the words "oleomargarine under detention", in Form 7, and no person shall sell, offer for sale, move, allow or cause to be moved the oleomargarine or package or container of packages or remove the detention tag without the written authority of an inspector. O. Reg. 602/77, s. 8.



## REGULATION 697

### under the Ombudsman Act

Copy of recommendations 3, 4, 5, 6, 7 and 8 of the 7th Report of the Select Committee on the Ombudsman received and adopted by the Legislative Assembly on the 22nd day of November, 1979, as general rules for the guidance of the Ombudsman in the exercise of his duties under the *Ombudsman Act*.

Toronto, March 27, 1980.

I, Roderick Gilmour Lewis, of the City of Toronto in the County of York, Clerk of the Legislative Assembly of the Province of Ontario, by Royal Authority duly appointed, do hereby certify that the annexed paper is a true copy of recommendations 3, 4, 5, 6, 7 and 8 of the 7th Report of the Select Committee on the Ombudsman contained in the Votes and Proceedings No. 99 dated Thursday, November 22nd, 1979, which were received and adopted by the House on that date.

3. The Committee concurs in the recommendation that the Ombudsman shall, no later than three months after the end of his reporting period, table his Annual or Semi-Annual Report, as the case may be, with the Speaker of the Legislative Assembly. (Page 31 and 32 of the Report)

4. The Committee concurs in the recommendation that:—

(i) The Ombudsman and his staff shall not, except where permitted by the *Ombudsman Act* in carrying out functions thereunder, disclose to any third party any information received by him or his staff while carrying out any of the functions of the Ombudsman under the *Ombudsman Act*, and

(ii) A member of the Ombudsman's staff carrying out Ombudsman functions under the *Ombudsman Act*, shall not express to anyone, other than to the Ombudsman or to his authorized delegate, his or her opinion, recommendation or other similar comments respecting the decision, recommendation, act or omission purported to have been committed by or on behalf of the governmental organization in question or respecting anything else arising out of the investigation of the complaint by the Ombudsman and his staff. (Page 32 of the Report)

5. The Committee concurs in the recommendation that preliminary investigations by the Ombudsman's office shall be limited to cases wherein further information is required by the Ombudsman or any member of his staff either to confirm a complaint or wherein immediate assistance of a complainant is required and the circumstances of the complaint make the immediate implementation of the procedural requirements of the *Ombudsman Act* impossible. Once the substance of the complaint has been confirmed by the Ombudsman or his staff or where the immediate disposition of the complaint is neither possible nor advisable, the requirements of the *Ombudsman Act* must be followed. (Pages 32 and 33 of the Report)

6. The Committee concurs in the recommendation where at any time during the course of an investigation it appears to the Ombudsman that there may be sufficient grounds for formulating opinions under subsections 22 (1) and (2) of the *Ombudsman Act* or of making any recommendations under subsection 22 (3) of the *Ombudsman Act*, which has the effect of altering, opposing or causing the original decision, recommendation, act or omission to be changed in any way, the Ombudsman shall give the governmental organization and any person who is identified or is capable of being identified as having made or committed or caused to be made or committed, as the case may be, the decision, recommendation, act or omission, an opportunity to make representations respecting the adverse report or recommendations either personally or by counsel. (Pages 34 and 35 of the Report)

7. The Committee concurs in the recommendation that all reports of the Ombudsman made to governmental organizations in accordance with section 22 of the *Ombudsman Act* shall contain opinions in the wording of subsection 22 (1) and recommendations within the wording of subsection 22 (3). (Page 35 of the Report)

8. The Committee concurs in the recommendation that in all cases where the Ombudsman has concluded that a response by a governmental organization to a report made by him under subsection 22 (3) of the *Ombudsman Act* is neither adequate nor appropriate, and where he wishes ultimately, if the matter cannot be resolved, to seek support for his recommendation in the Legislature, the report under subsection 22 (3) shall be referred to the Premier before it is referred to the Legislature. (Page 35 of the Report)



## REGULATION 698

under the Ontario Agricultural Museum Act

### FEES

#### INTERPRETATION

1. In this Regulation,

- (a) "adult" means a person eighteen years of age or over;
- (b) "child" means a person over the age of five years and under the age of thirteen years;
- (c) "family" means either a father or mother or both plus one or more of their sons or daughters under eighteen years of age;
- (d) "senior citizen" means a person sixty-five years of age or over;
- (e) "student" means,
  - (i) a person who is at least thirteen years of age but who has not yet attained the age of eighteen; or
  - (ii) a person eighteen years of age or over who is in full-time attendance at an educational institution in Canada and is in possession of a student registration card for the current academic year.  
O. Reg. 330/79, s. 1.

2. The fee for entrance to the Museum is,

- (a) for each adult, \$1.50;
- (b) for each child, 75 cents;
- (c) for each senior citizen who is in possession of proof of age, \$1.00;
- (d) for each student, \$1.00;
- (e) for each family, \$4.00; and
- (f) for each member of a bus tour, regardless of age, \$1.00. O. Reg. 330/79, s. 2.



## REGULATION 699

under the Ontario Agricultural Museum Act

### GENERAL

#### INTERPRETATION

**1.** In this Regulation,

- (a) "executive director" means the Executive Director of Education and Research of the Ministry of Agriculture and Food;
- (b) "Museum premises" includes all lands, buildings and facilities owned or operated by the Museum. O. Reg. 527/76, s. 1.

#### PROCEDURE

**2.** The Board shall meet not less than three nor more than six times in any year at the call of the chairman in consultation with the chief executive officer. O. Reg. 527/76, s. 2.

**3.** There shall be an executive committee of the Board which shall consist of the chairman, vice-chairman, secretary and one other member elected by the Board. O. Reg. 527/76, s. 3.

**4.** The executive committee shall meet at the call of the chairman in consultation with the chief executive officer. O. Reg. 527/76, s. 4.

**5.** The secretary of the Board shall send notice of all meetings together with an agenda to all persons concerned and shall keep a record of all meetings. O. Reg. 527/76, s. 5.

**6.** Special meetings of the Board, in addition to those authorized by section 2, may be called by the chief executive officer or the executive director. O. Reg. 527/76, s. 6.

#### USE OF MUSEUM PREMISES

**7.** No person or organization shall be granted exclusive access to or use of Museum premises to the exclusion of other persons or organizations. O. Reg. 527/76, s. 7.

**8.** No person or organization may use Museum premises for any purpose other than general admission without first having made written application to, and obtaining the approval of, the chief executive officer. O. Reg. 527/76, s. 8.

**9.** No person shall smoke or commit a nuisance in or near Museum buildings, equipment or displays. O. Reg. 527/76, s. 9.

**10.** No person shall,

- (a) deface, remove or damage any property;
- (b) remove, injure or destroy any tree, shrub, plant, flower or growing thing or any soil, rock or other material;
- (c) kill, trap, hunt, pursue or in any manner disturb or cause to be disturbed any wild or domestic bird or animal;
- (d) abandon any refuse or other object or material except in receptacles or pits provided for that purpose,

on Museum premises. O. Reg. 527/76, s. 10.

**11.** No person shall bring or allow a pet to be brought inside any Museum building. O. Reg. 527/76, s. 11.

**12.** Owners of dogs or other pets on Museum premises shall at all times keep them on a leash that does not exceed six feet in length and shall not permit any such animal to come within 100 yards of any place where live stock or poultry are kept. O. Reg. 527/76, s. 12.

**13.—(1)** No person, except with the written permission of the chief executive officer shall,

- (a) be in possession of or fire or discharge any firearm, rocket or other fireworks;
- (b) erect, post, paste, fasten, paint or affix any placard, bill, notice or sign;
- (c) remain on the premises during other than normal business hours;
- (d) sell or offer for sale any article or service;
- (e) advertise or carry on any business or commercial enterprise;
- (f) beg or solicit charity;
- (g) conduct a show of any kind or bring any equipment therefor;
- (h) conduct a public meeting or perform any act that congregates or is likely to congregate persons;
- (i) light or maintain a fire in a place other than a location provided for that purpose;

- |   |   |
|---|---|
| <p>(j) operate a vehicle except on a roadway or other place provided for that purpose;</p> <p>(k) operate a vehicle at a speed in excess of fifteen miles per hour;</p> <p>(l) park a vehicle in a place other than one set aside for that purpose;</p> | <p>(m) operate a snowmobile, motor toboggan or any motor-propelled vehicle; or</p> <p>(n) land or operate an aircraft,<br/>on Museum premises.</p> <p>(2) No person shall camp or remain overnight on Museum premises. O. Reg. 527/76, s. 13.</p> |
|---|---|

## REGULATION 700

### under the Ontario Energy Board Act

#### GENERAL

##### FEEES

1.—(1) The fee payable on filing an application in a proceeding before the Board under the Act or any other Act is \$25, but where the application is made under section 49 of the Act and is withdrawn before the hearing of such application the applicant is entitled to a refund of \$15.

(2) The fees payable for copies of any document, including an office consolidation of statutes and regulations, are,

(a) when copies are available for distribution and the copy is,

(i) ten pages or less, 50 cents per copy,

(ii) more than ten pages but less than fifty pages, \$1 per copy, and

(iii) fifty pages or more, \$2 per copy; and

(b) when copies are not available for distribution, 25 cents per page.

(3) The fee payable for certifying a document is \$1. R.R.O. 1970, Reg. 626, s. 1.

##### FREE GAS OR REDUCED CHARGE

2.—(1) No person shall furnish or supply any gas without charge or at a reduced rate under any agreement for which the supplying of gas without charge or at a reduced rate is a consideration.

(2) Subsection (1) does not apply to any agreement or renewal thereof made before the 1st day of January, 1955. R.R.O. 1970, Reg. 626, s. 2.

##### EXEMPTIONS

3. The Petrol Oil & Gas Company, Limited is exempted from the operation of or compliance with section 26 of the Act in respect of any disposition of any of its properties that are located on the Six Nations Indian Reserve or are connected with the distribution system of the said company that is located on the said Reserve. R.R.O. 1970, Reg. 626, s. 5.

4. The Central Pipeline Company, Limited, is exempted from the operation of or compliance with clause 26 (1) (a) of the Act in respect of the disposition

of its entire gas distribution system to The Medina Natural Gas Company Limited. O. Reg. 172/73, s. 1.

5. Peat Marwick Limited, receiver and manager of the undertaking, property and assets of The Medina Natural Gas Company, Limited is exempted from the operation of or compliance with clause 26 (1) (a) of the Act in respect of the disposition of the entire gas distribution system of The Medina Natural Gas Company, Limited to Four Seventy Dundas Limited. O. Reg. 668/79, s. 1.

##### GAS STORAGE AREAS

6. The areas described in the Schedule are designated as gas storage areas. R.R.O. 1970, Reg. 626, s. 6.

##### FORMS

7.—(1) The authorization of the chairman of the Board required by section 59 of the Act shall be in Form 1.

(2) The permission of the Minister to lay an information under section 34 or 62 of the Act shall be in Form 2. R.R.O. 1970, Reg. 626, s. 7.

##### Schedule

1. In the Township of Dawn, in the County of Lambton, being,

i. the north half and the southwest quarter of Lot 18 in the 1st Concession;

ii. all of Lot 19 in the 1st Concession;

iii. all the east three-quarters of the south half of Lot 20 in the 1st Concession;

iv. all of lots 24 and 25 in the 2nd Concession; and

v. the west quarter of Lot 25 in the 3rd Concession.

2. In the Township of Sombra, in the County of Lambton, being the north half of Lot 30 in the 8th Concession.

3. In the Township of Moore, in the County of Lambton, being,

i. the east half of Lot 9 in the 2nd Concession;

ii. the west half of Lot 9 in the 2nd Concession, save and except the easterly 40 feet thereof

- and the southerly 40 feet thereof conveyed to The Corporation of the Township of Moore as an allowance for road;
- iii. that part of the original allowance for side road lying between lots 9 and 10, in the 2nd Concession, extending north from Blind Line to the southerly limit of the 2nd Concession Road and having a width of one chain by a depth of 66 chains and 66 links;
  - iv. all that part of the east half of Lot 10, in the 2nd Concession lying north of Bear Creek, save and except therewith and therefrom a strip of land 2 rods wide lying along the westerly side thereof and running north from the north limit of Bear Creek, a distance of 29 rods;
  - v. that part of the east half of Lot 10, in the 2nd Concession lying north of Bear Creek being a strip of land along the westerly side of the east half of the lot, 2 rods wide and running north from the north limit of Bear Creek a distance of 29 rods;
  - vi. all that part of the east half of Lot 10, in the 2nd Concession lying south of Bear Creek;
  - vii. the west half of Lot 10, in the 2nd Concession;
  - viii. the south half of the southeast quarter of Lot 9, in the 3rd Concession;
  - ix. all those parts of lots 9 and 10, in the 3rd Concession, described as follows:  
Beginning at the southeast corner of the west half of Lot 9 and proceeding thence north along the line between the east and west halves of said Lot 9, a distance of 17 chains and 28 links; thence west parallel with the north limit of the allowance for road between the 2nd and 3rd concessions, a distance of 30 chains more or less to the centre of Bear Creek; thence in a southerly direction along the centre of Bear Creek to the north limit of the allowance for concession road above-mentioned; thence east along the last-mentioned north limit, a distance of 25 chains more or less to the place of beginning;
  - x. all that part of the original allowance for road between lots 9 and 10, in the 3rd Concession lying between the north limit of the allowance for road between the 2nd and 3rd concessions and a point distant northerly at right angles from such concession road allowance, 17 chains and 28 links;
  - xi. all of the south quarter of Lot 10 in the 3rd Concession that lies west of the centre line of Bear Creek;
  - xii. all that part of the unopened allowance for road between the 2nd and 3rd concessions extending east and west from the line between lots 9 and 10 to the opened portions of such concession road allowance;
  - xiii. all the lands in the east half of Lot 10 in the 2nd Concession covered by the waters of Bear Creek;
  - xiv. the north half of lots 21 and 22 in the 6th Concession;
  - xv. the westerly 500 feet of even perpendicular width throughout from front to rear of Lot 20 in the 7th Concession;
  - xvi. all of lots 21 and 22 in the 7th Concession; and
  - xvii. the south quarter of lots 21 and 22 in the 8th Concession.
4. In the townships of Enniskillen and Dawn in the County of Lambton, described as follows:
- Beginning in the said Township of Enniskillen at the intersection of the centre line of the first concession of such Township with the easterly limit of the allowance for road between such Township and the Township of Moore; thence easterly along the above mentioned centre line to and thence along the production of such centre line in a straight line easterly across the allowance for road between lots 3 and 4 in the first concession of the Township of Enniskillen and continuing thence easterly along such centre line to its intersection with the line between lots 5 and 6 in the first concession of the Township of Enniskillen; thence southerly along the lastly mentioned lot line to and thence along the production of such lot line in a straight line southerly across the allowance for road between the townships of Enniskillen and Dawn to its intersection with the northerly limit of Lot 34 in the third concession of the Township of Dawn; thence easterly in the Township of Dawn along the lastly mentioned limit to its intersection with the line dividing the westerly 100 acres of Lot 34 in the third concession of the Township of Dawn from the remainder of such lot; thence southerly along the lastly mentioned dividing line to its intersection with the southerly limit of Lot 34 in the third concession of the Township of Dawn; thence westerly along the lastly mentioned limit to its intersection with the centre line of the third concession of the Township of Dawn; thence southerly along the last mentioned centre line to its intersection with the southerly limit of Lot 32 in the third concession of the Township of Dawn; thence westerly along the

lastly mentioned limit to and thence along the production of such limit in a straight line westerly across the allowance for road between the second and third concessions of the Township of Dawn to its intersection with the westerly limit of such allowance for concession road; thence southerly along the westerly limit of the allowance for road between the second and third concessions of the Township of Dawn to and thence along the production of such westerly limit in a straight line southerly across the allowance for road between lots 31 and 30 in the second concession of the Township of Dawn and continuing thence southerly along the westerly limit of the allowance for road between the second and third concessions of the Township of Dawn to its intersection with the southerly limit of Lot 30 in the second concession of the Township of Dawn; thence westerly along the lastly mentioned limit to and thence along the production of such limit in a straight line westerly across the allowance for road between the first and second concessions of the Township of Dawn to and continuing thence westerly along the southerly limit of Lot 30 in the first concession of the Township of Dawn to its intersection with the easterly limit of the allowance for road between the townships of Dawn and Sombra; thence northerly along the lastly mentioned limit to and thence along the production of such limit in a straight line northerly across the allowance for road between lots 30 and 31 in the first concession of the Township of Dawn to and continuing thence northerly along the easterly limit of the allowance for road between the townships of Dawn and Sombra to and thence along the production of such limit in a straight line northerly across the allowance for road between the townships of Dawn and Enniskillen to the easterly limit of the allowance for road between the townships of Enniskillen and Moore; thence northerly in the Township of Enniskillen and along the last-mentioned limit to the place of beginning.

5. In the townships of Moore and Sombra in the County of Lambton, Province of Ontario, described as follows:

i. In the Township of Moore:

Beginning at the intersection of the limit between concessions 3 and 4 and the east limit of the road allowance between lots 18 and 19; thence easterly along the limit between concessions 3 and 4 to the line between the east half and the west half of Lot 13, Concession 4; thence northerly along the last-mentioned line and the line between the east half and the west half of Lot 13, Concession 5 to the line between the north half and the south half of Lot 13, Concession 5; thence westerly along the last-mentioned line and the line between the north half and the south half of Lot 14, Concession 5 to the limit between lots 14 and

15; thence northerly along the last-mentioned limit to the line between the south three-quarters and the north one-quarter of Lot 15, Concession 5; thence westerly along the last-mentioned line to the westerly limit of the road allowance between lots 15 and 16, Concession 5; thence northerly along the last-mentioned limit to the limit between concessions 5 and 6; thence westerly along the last-mentioned limit to the line between the west one-quarter and the east three-quarters of Lot 16, Concession 6; thence northerly along the last-mentioned line to the north limit of the road allowance between concessions 6 and 7; thence easterly along the last-mentioned limit to the westerly limit of the road allowance between lots 16 and 15, Concession 7; thence northerly along the last-mentioned limit to the limit between concessions 7 and 8; thence easterly along the last-mentioned limit to the easterly limit of the road allowance between lots 16 and 15, Concession 8; thence northerly along the last-mentioned limit and the easterly limit of the road allowance between lots 15 and 16, Concession 9 to the line between the north half and the south half of Lot 15, Concession 9; thence westerly along the westerly extension of the last-mentioned line across the road allowance between lots 15 and 16, Concession 9, along the line between the north half and the south half of Lot 16, Concession 9 and the line between the north half and the south half of Lot 17, Concession 9 to the limit between lots 17 and 18, Concession 9; thence southerly along the last-mentioned limit and the limit between lots 17 and 18, Concession 8 to the line between the north three-tenths and the south seven-tenths of Lot 18, Concession 8; thence westerly along the last-mentioned line to the westerly limit of the road allowance between lots 18 and 19, Concession 8; thence southerly along the last-mentioned limit and the westerly limit of the road allowance between lots 18 and 19, Concession 7 to the line between the south half and the north half of Lot 19, Concession 7; thence westerly along the last-mentioned line to the line between the west half and the east half of Lot 19, Concession 7; thence southerly along the last-mentioned line to the northerly limit of the road allowance between concessions 6 and 7; thence westerly along the last-mentioned limit to the limit between lots 20 and 21, Concession 7; thence southerly following the last-mentioned limit and the limit between lots 20 and 21, Concession 6 and the limit between lots 20 and 21, Concession 5 to the northerly limit of the road allowance between concessions 5 and 4; thence easterly following the last-mentioned limit in Lot 20 and the extension thereof in Lot 19 to the easterly limit of the road allowance between lots 19 and 18, Concession 5; thence southerly along the last-mentioned limit and the easterly limit of the road allowance between lots 19 and 18, Concession 4 to the place of beginning.

ii. In the Township of Moore:

Beginning at the intersection of the limit between concessions 9 and 10 and the line between the west half and the east half of Lot 19, Concession 9; thence southerly along the line between the west half and the east half of Lot 19, Concession 9 and the line between the west half and the east half of Lot 19, Concession 8 to the line between the south three-quarters and the north quarter of the west half of Lot 19, Concession 8; thence westerly along the last-mentioned line to the limit between lots 19 and 20, Concession 8; thence southerly along the last-mentioned limit to the line between the north three-quarters and the south one-quarter of Lot 20, Concession 8; thence westerly along the last-mentioned line, the line between the north three-quarters and south one-quarter of Lot 21, Concession 8 and the line between the north three-quarters and south one-quarter of Lot 22, Concession 8 to the line between the west five-eighths and the east three-eighths of Lot 22, Concession 8; thence northerly along the last-mentioned line, the line between the east three-eighths and the west five-eighths of Lot 22, Concession 9 and the line between the east three-eighths and the west five-eighths of Lot 22, Concession 10 to the line between the south three-quarters and the north one-quarter of Lot 22, Concession 10; thence easterly along the last-mentioned line and the line between the south three-quarters and the north one-quarter of Lot 21, Concession 10 to the limit between lots 21 and 20, Concession 10; thence southerly along the last-mentioned limit to the line between the north three-fifths and the south two-fifths of Lot 20, Concession 10; thence easterly along the last-mentioned line to the line between the east half and the west half of Lot 20, Concession 10; thence southerly along the last-mentioned line to the limit between concessions 10 and 9; thence easterly along the last-mentioned limit to the place of beginning.

iii. In the Township of Moore:

Beginning at the intersection of the limit between concessions 9 and 10 and the line between the west half and the east half of Lot 19, Concession 10; thence northerly along the last-mentioned line to the line between the north thirteen-twentieths and the south seven-twentieths of Lot 19, Concession 10; thence easterly along the last-mentioned line and the line between the north thirteen-twentieths and the south seven-twentieths of Lot 18, Concession 10 to the line between the east half and the west half of Lot 18, Concession 10; thence northerly along the last-mentioned line and the line between the east half and the west half of Lot 18, Concession 11 to the line between the south one-quarter and the north three-quarters of Lot 18, Concession 11;

thence westerly along the last-mentioned line, the line between the south one-quarter and the north three-quarters of Lot 19, Concession 11 and the line between the south one-quarter and the north three-quarters of Lot 20, Concession 11 to the limit between lots 20 and 21, Concession 11; thence southerly along the last-mentioned limit and the limit between lots 20 and 21, Concession 10 to the line between the north three-fifths and the south two-fifths of Lot 20, Concession 10; thence easterly along the last-mentioned line to the line between the east half and the west half of Lot 20, Concession 10; thence southerly along the last-mentioned line to the limit between concessions 9 and 10; thence easterly along the last-mentioned limit to the place of beginning.

iv. In the Township of Sombra:

Beginning at the intersection of the north limit of the road allowance between concessions 8 and 9 and the limit between lots A and B, Concession 9; thence easterly along the north limit of the said road allowance to the limit between lots 1 and 2, Concession 9; thence northerly along the last-mentioned limit to the line between the north half and the south half of Lot 2, Concession 9; thence easterly along the last-mentioned line to the limit between lots 2 and 3, Concession 9; thence northerly along the last-mentioned limit and the limit between lots 2 and 3, Concession 10 to the line between the north half and the south half of Lot 2, Concession 10; thence westerly along the last-mentioned line and the line between the north half and the south half of Lot 1, Concession 10, to the limit between Lot 1 and Lot A, Concession 10; thence southerly along the last-mentioned limit to the line between the north three-quarters and the south one-quarter of Lot A, Concession 10; thence westerly along the last-mentioned line to the limit between lots A and B, Concession 10; thence southerly along the last-mentioned limit and the limit between lots A and B, Concession 9 to the place of beginning.

v. In the Township of Sombra:

Beginning at the intersection of the north limit of the road allowance between concessions 10 and 11 and the line between the east half and the west half of Lot 3; thence easterly along the north limit of the said road allowance to the line between the east half and the west half of Lot 7, Concession 11; thence northerly along the last-mentioned line to the line between the north half and the south half of Lot 7, Concession 11; thence easterly along the last-mentioned line, the line between the north half and the south half of Lot 8 and the line between the north half and the south half of Lot 9, all in Concession 11, to the line between the east half and the west half of Lot 9, Concession 11;

thence northerly along the last-mentioned line, the line between the east half and the west half of Lot 9, Concession 12, and the line between the east half and the west half of Lot 9, Concession 13, to the line between the north half and the south half of Lot 9, Concession 13; thence westerly along the last-mentioned line, the line between the north half and the south half of Lot 8, the line between the north half and the south half of Lot 7, the line between the north half and the south half of Lot 6 and the line between the north half and the south half of Lot 5, all in Concession 13, to the limit between lots 4 and 5, Concession 13; thence southerly along the last-mentioned limit and the limit between lots 4 and 5, Concession 12, to the line between the north half and the south half of Lot 4, Concession 12; thence westerly along the last-mentioned line and the line between the north half and the south half of Lot 3, Concession 12 to the limit between lots 2 and 3, Concession 12; thence southerly along the last-mentioned limit and the limit between lots 2 and 3, Concession 11 to the line between the north half and the south half of Lot 3, Concession 11; thence easterly along the last-mentioned line to the line between the east half and the west half of Lot 3, Concession 11; thence southerly along the last-mentioned line to the place of beginning.

6. All and singular that certain parcel or tract of lands and premises situate, lying and being partly in the Township of Zone and partly in the Town of Bothwell, in the County of Kent and being more particularly described as follows:

Beginning at a point where the centre line of the Fifth Concession in the said Township of Zone intersects the southerly limit of the allowance for road between the townships of Zone and Euphemia; thence easterly in the above-mentioned southerly limit of the allowance for road between the townships of Zone and Euphemia to and thence along the production of such southerly limit of the allowance for road in a straight line easterly across the allowance for road between the Fifth and Sixth Concessions of the said Township of Zone; thence continuing easterly in the said southerly limit of the allowance for road between the townships of Zone and Euphemia to its intersection with the westerly limit of the allowance for road between the Sixth and Seventh Concessions of the said Township of Zone; thence southerly in the said westerly limit of the allowance for road between the Sixth and Seventh Concessions of the Township of Zone to its intersection with the dividing line between lots 14 and 15 in the Sixth Concession of the Township of Zone; thence along the production of such dividing line in a straight line easterly across the allowance for road between the Sixth and Seventh Concessions of the Township of Zone and continuing thence easterly along the dividing line between lots 14 and 15 in the Seventh Concession of the Township of Zone to its intersection with the southwesterly limit of County Road No. 22 and continuing thence along the production of such dividing

line in a straight line easterly across County Road No. 22 and continuing thence easterly in the said dividing line between lots 14 and 15 to and thence along the production of such dividing line in a straight line easterly across Highway No. 79 and continuing thence along the production of such dividing line in a straight line easterly across the allowance for road between the Seventh and Eighth Concessions of the said Township of Zone to the easterly limit of the allowance for road between the Seventh and Eighth Concessions of the Township of Zone; thence northerly in the easterly limit of the allowance for road between the Seventh and Eighth Concessions of the Township of Zone to its intersection with the easterly limit of Highway No. 79; thence northerly in the easterly limit of Highway No. 79 (as widened) to its intersection with the southerly limit of the allowance for road between the townships of Zone and Euphemia; thence easterly in the above-mentioned southerly limit of the allowance for road between the townships of Zone and Euphemia to and thence along the production of such southerly limit of such allowance for road in a straight line easterly across the lands of the Canadian Pacific Railway Company; thence continuing easterly in the southerly limit of the allowance for road between the townships of Zone and Euphemia to and thence along the production of such southerly limit of the allowance for road in a straight line easterly across the allowance for road between the Eighth and Ninth Concessions of the Township of Zone; thence continuing easterly in the said southerly limit of the allowance for road between the townships of Zone and Euphemia to its intersection with the westerly limit of the allowance for road between the Ninth and Tenth Concessions of the Township of Zone; thence southerly in the said westerly limit of the allowance for road between the Ninth and Tenth Concessions of the Township of Zone to its intersection with the northerly limit of the Town of Bothwell; thence westerly in the said northerly limit of the Town of Bothwell to its intersection with the centre line of Ninth Concession of the Township of Zone; thence southerly in the above-mentioned centre line to its intersection with the northwesterly limit of Cherry Street in the Town of Bothwell; thence southwesterly in the northwesterly limit of the said Cherry Street to and thence along the production of such northwesterly limit of Cherry Street in a straight line southwesterly across Main Street in the Town of Bothwell to the southwesterly limit of said Main Street; thence southeasterly along the southwesterly limit of Main Street (crossing Cherry, Birch, Walnut, Chestnut, Elm, Oak and George Streets in the said Town of Bothwell in a straight line production southeasterly of the southwesterly limit of said Main Street) to its intersection with the southeasterly limit of George Street in the said Town of Bothwell; thence northeasterly in the said southeasterly limit of George Street to its intersection with the southwesterly limit of Peter Street in the said Town of Bothwell; thence southeasterly in the said southwesterly limit of Peter Street to its intersection with the easterly limit of the Town of

Bothwell; thence southerly in the easterly limit of the Town of Bothwell to its intersection with the southerly limit of the Town of Bothwell; thence continuing southerly in the westerly limit of the allowance for road between lots 10 and 11 North Longwoods Road to its intersection with the northerly limit of Highway No. 2 as widened; thence southwesterly in the northwesterly limit of Highway No. 2 (as widened) to and thence along the production of the northwesterly limit of Highway No. 2 as widened in a straight line southwesterly across the allowance of Highway No. 79 and continuing thence southwesterly in the northwesterly limit of Highway No. 2 (as widened) to its intersection with the westerly limit of Lot 19 North Longwoods Road in the Township of Zone; thence northerly in the lastly-mentioned limit to its intersection with the dividing line between lots 6 and 7 in the Eighth Concession of the Township of Zone; thence westerly along the lastly-mentioned dividing line to and thence along the production of such dividing line in a straight line westerly across the allowance for road between the Seventh and Eighth Concessions of the Township of Zone to and continuing thence westerly along the dividing line between lots 6 and 7 of the Seventh Concession of the Township of Zone to and thence westerly along the production of such dividing line in a straight line westerly across the allowance for road between the Sixth and Seventh Concessions of the Township of Zone to and continuing thence westerly along the dividing line between lots 6 and 7 of the Sixth Concession of the Township of Zone to and thence westerly along the production of such dividing line in a straight line westerly across the allowance for road between the Fifth and Sixth Concessions of the Township of Zone to and continuing westerly along the dividing line between lots 6 and 7 of the Fifth Concession of the Township of Zone to its intersection with the centre line of the Fifth Concession of the Township of Zone; thence northerly in the said centre line of the Fifth Concession of the Township of Zone to its intersection with the dividing line between lots 7 and 8; thence westerly along the lastly-mentioned dividing line to its intersection with the easterly limit of the allowance for road between the Fourth and Fifth Concessions of the Township of Zone; thence northerly along the lastly-mentioned limit to and thence along the production of such limit in a straight line northerly across the lands of the Canadian Pacific Railway Company to and continuing thence northerly in the easterly limit of the allowance for road between the Fourth and Fifth Concessions of the Township of Zone to its intersection with the line dividing the north one-half and the south one-half of Lot 8 in the Fifth Concession of the Township of Zone; thence along the production of such dividing line in a straight line westerly across the allowance for road between the Fourth and Fifth Concessions of the

Township of Zone to and continuing thence westerly in the line dividing the north one-half and the south one-half of Lot 8 in the Fourth Concession of the Township of Zone to and thence along the production of such dividing line in a straight line westerly across the allowance for road between the Third and Fourth Concessions of the Township of Zone to and continuing thence westerly in the line dividing the north one-half and the south one-half of Lot 8 in the Third Concession of the Township of Zone to its intersection with the centre of the Third Concession of the Township of Zone; thence northerly in the said centre line of the Third Concession of the Township of Zone to its intersection with the dividing line between lots 9 and 10; thence westerly along the lastly-mentioned dividing line to and thence along the production of such dividing line in a straight line westerly across the allowance for road between the Second and Third Concessions of the Township of Zone to and continuing thence westerly in the line dividing lots 9 and 10 in the Second Concession of the Township of Zone to its intersection with the centre line of the Second Concession of the Township of Zone; thence northerly in the said centre line of the Second Concession of the Township of Zone to and thence along the production of such centre line in a straight line northerly across the allowance for road between lots 10 and 11 in the Second Concession of the Township of Zone to and continuing thence northerly in the centre line of the Second Concession of the Township of Zone to its intersection with the dividing line between lots 12 and 13; thence easterly along the dividing line between lots 12 and 13 in the Second Concession of the Township of Zone to a point, which point is distant 1,930.5' when measured westerly in the said dividing line from its point of intersection with the westerly limit of the allowance for road between the Second and Third Concessions of the Township of Zone and is also the southwesterly angle of that part of Lot 13 in the Second Concession of the Township of Zone heretofore conveyed to one Peter Pavlinich by Registered Instrument No. 9122, Zone; thence northerly in a straight line and parallel with the westerly limit of the allowance for road between the Second and Third Concessions of the Township of Zone and along the westerly limit of the lands so conveyed by said Registered Instrument No. 9122, Zone, a distance of 1,089' to a point being the northwesterly angle of the lands conveyed by said Registered Instrument No. 9122, Zone; thence easterly and parallel with the dividing line between lots 12 and 13 and along the northerly limit of the lands so conveyed by said Registered Instrument No. 9122, Zone, to its intersection with the westerly limit of the allowance for road between the Second and Third Concessions of the Township of Zone; thence southerly in the westerly limit of the allowance for road between the Second and Third Concessions of the Township of Zone to the distance of what it may to its point of intersection with the production westerly in a straight line of the dividing line between north one-half and the south one-half of Lot 13 in the Third Concession of the Township of Zone across

the allowance for road between the Second and Third Concessions of the Township of Zone; thence easterly in the above-mentioned production of such dividing line across the allowance for road between the Second and Third Concessions of the Township of Zone and continuing thence easterly in the dividing line between the north one-half and the south one-half of Lot 13 in the Third Concession of the Township of Zone to and thence along the production of such dividing line in a straight line easterly across the allowance for road between the Third and Fourth Concessions in the Township of Zone; thence continuing easterly in the dividing line between the north one-half and the south one-half of Lot 13 in the Fourth Concession of the Township of Zone to and thence along the production of such dividing line in a straight line easterly across the allowance for road between the Fourth and Fifth Concessions of the Township of Zone to and continuing thence easterly in the dividing line between the north one-half and the south one-half of Lot 13 in the Fifth Concession in the Township of Zone to its intersection with the centre line of the Fifth Concession of the Township of Zone; thence northerly along the lastly-mentioned centre line to the place of beginning.

7. All and singular those certain parcels or tracts of lands and premises situate in the Township of Humberstone in the County of Welland: Beginning at the northeasterly corner of Lot 8, Concession 5; thence westerly along the northerly limit of lots 8, 9, 10, 11, 12, 13 and 14 to the northwesterly corner of Lot 14, in Concession 5; thence southerly along the westerly limit of Lot 14 to the southwesterly corner of Lot 14; thence easterly along the southerly limit of Lot 14, 1380 feet more or less to a point, which point is the intersection of the southerly limit of Lot 14 with the northerly production of the westerly limit of Lot 16, Concession 4 across the road allowance dividing concessions 4 and 5; thence southerly along the aforementioned production of the westerly limit of Lot 16, Concession 4 and the westerly limit of Lot 16, Concession 4 to a point 1650 feet south of the northwesterly corner of Lot 16, Concession 4; thence easterly parallel with the northerly limit of Lot 16 to a point in the easterly limit of Lot 16; thence southerly along the easterly limit of Lot 16, 361 feet; thence easterly parallel to the northerly limit of lots 15, 14 and 13 to a point in the westerly limit of Lot 12, Concession 4; thence northerly along the westerly limit of Lot 12, 361 feet; thence easterly parallel to the northerly limit of lots 12, 11 and 10 to a point in the easterly limit of Lot 10, Concession 4; thence northerly along the easterly limit of Lot 10 and the northerly production of the said easterly limit to a point in the southerly limit of Lot 8, Concession 5; thence easterly along the southerly limit of Lot 8, Concession 5 to the southeasterly corner of Lot 8; thence northerly along the easterly limit of Lot 8, Concession 5 to the place of beginning.

8. All and singular those certain parcels or tracts of lands and premises situate in the Township of Dawn,

in the County of Lambton, and being more particularly described as the west quarter of Lot 24, in the 3rd Concession in the said Township of Dawn, containing fifty acres more or less, and that portion of the allowance for road between the 2nd and 3rd Concessions in the said Township of Dawn, bounded on the north by the southerly limit of the allowance for road between lots 25 and 26, and bounded on the south by the line between lots 23 and 24, containing by admeasurement six acres, more or less.

9. All and singular those certain parcels or tracts of lands and premises situate in the Township of Dawn, in the County of Lambton, and being more particularly described as follows:

1. The southeast quarter of Lot 18, in the 1st Concession, in the Township of Dawn, containing 50 acres, more or less.
2. The north half of Lot 20, in the 1st Concession, in the Township of Dawn, and the west quarter of the south half of the said lot, containing together 125 acres, more or less.

10. All and singular those certain parcels or tracts of lands and premises situate in the Township of Sombra, in the County of Lambton, and being more particularly described as follows:

1. The south half of Lot 30, in the 9th Concession, in the Township of Sombra, containing 100 acres, more or less.
2. That part of the allowance for concession road in the Township of Sombra lying between the 8th and 9th Concessions bounded on the west by the production of the line between lots 29 and 30 and bounded on the east by the production of the east limit of Lot 30, containing by admeasurement 3 acres, more or less.

11. That part of the allowance for Townline Road partly in the Township of Sombra and partly in the Township of Dawn, in the County of Lambton, bounded on the south by the easterly production of the line between the north and south halves of Lot 30 in the 8th Concession of the said Township of Sombra and bounded on the north by the easterly production of the line between the north and south halves of Lot 30, in the 9th Concession of the said Township of Sombra, containing by the admeasurement 6.8 acres, more or less.

12. ALL AND SINGULAR those certain parcels or tracts of lands and premises situate, lying and being in the Township of Moore in the County of Lambton and being.

- i. the west half of Lot 8, in the 2nd Concession, containing 100 acres, more or less;
- ii. the south half of the southwest one-quarter of Lot 8, in the 3rd Concession, containing 25 acres, more or less;

iii. all that part of the allowance for Concession Road between the 2nd and 3rd concessions described as follows: Beginning at the intersection of the southerly limit of the said allowance for Concession Road with the line between lots 10 and 11, in the 2nd Concession; thence easterly and along the southerly limit of the said allowance for Concession Road to and continuing in a straight line across the allowance for road in the west half of Lot 9, in the 2nd Concession and thence continuing along the southerly limit of the said allowance for Concession Road to the intersection thereof with the line between the east and west halves of Lot 8, in the 2nd Concession; thence northerly in a straight line to the intersection of the northerly limit of the said allowance for Concession Road with the line between the east and west halves of Lot 8, in the 3rd Concession; thence westerly and along the northerly limit of the said allowance for Concession Road to and continuing in a straight line across the allowance for road in the west half of Lot 9, in the 3rd Concession and thence continuing along the northerly limit of the said allowance for Concession Road to the intersection thereof with the line between lots 10 and 11, in the 3rd Concession; thence southerly in a straight line to the place of beginning, containing 7.50 acres, more or less;

iv. all that part of the allowance for road in the west half of Lot 9, in the 3rd Concession, described as follows: Beginning at the intersection of the line between the east and west halves of said Lot 9, in the 3rd Concession, with the northerly limit of the allowance for Concession Road between the 2nd and 3rd concessions; thence westerly along the northerly limit of the allowance for Concession Road between the 2nd and 3rd concessions, a distance of 40 feet to a point; thence northerly and parallel with the line between the east and west halves of Lot 9, in the 3rd Concession a distance of 17 chains and 28 links to a point; thence easterly in a straight line to a point on the line between the east and west halves of Lot 9, in the 3rd Concession where such line is intersected by the line between the south and north halves of the southeast one-quarter of Lot 9, in the 3rd Concession; thence southerly along the line between the east and west halves of Lot 9, in the 3rd Concession to the place of beginning, containing 1.05 acres, more or less; and

v. all that part of the allowance for road in the west half of Lot 9, in the 2nd Concession described as follows: Beginning at the intersection of the line between the east and west halves of said Lot 9 with the southerly limit of the allowance for Concession Road between the 2nd and 3rd concessions; thence southerly along the line between the east and west halves of said Lot 9 to a point thereon distant 40 feet

northerly from the intersection thereof with the Blind Line between the 2nd and 1st concessions; thence westerly and parallel with the southerly limit of said Lot 9 a distance of 40 feet to a point; thence northerly and parallel with the line between the east and west halves of said Lot 9 to the intersection of such parallel line with the southerly limit of the allowance for Concession Road between the 2nd and 3rd concessions; thence easterly along the last mentioned limit a distance of 40 feet to the place of beginning, containing 4 acres, more or less.

13. In the Township of Dawn, in the County of Lambton, being part of lots 30, 31, 32 and 33 in the Fourth Concession, part of lots 30, 31, 32 and 33 in the Fifth Concession, and part of the road allowance between the Fourth and Fifth Concessions and part of the road allowance between lots 30 and 31 in the Fourth and Fifth Concessions, described as follows:

Beginning at a point where the dividing line between the northeast one-quarter and the southeast one-quarter of the said Lot 30 in the Fourth Concession of the Township of Dawn intersects the dividing line between the east one-half and the west one-half of the said Lot 30 in the Fourth Concession of the Township of Dawn; thence northerly along that dividing line to its point of intersection with the southerly limit of the road allowance between lots 30 and 31; thence along the production of that dividing line in a straight line northerly across that allowance for road; thence continuing northerly along the dividing line between the east one-half and the west one-half of lots 31, 32 and 33 in the Fourth Concession of the said Township to its point of intersection with the dividing line between the northeast one-quarter and the southeast one-quarter of Lot 33 in the Fourth Concession of the said Township; thence easterly along the dividing line between the northeast one-quarter and the southeast one-quarter of Lot 33 in the Fourth Concession of the said Township to its point of intersection with the westerly limit of the road allowance between the Fourth and Fifth Concessions of the said Township; thence along the production of such dividing line in a straight line easterly across that allowance for road; thence continuing easterly along the dividing line between the north one-half and the south one-half of Lot 33 in the Fifth Concession of the said Township to its point of intersection with the dividing line between the west three-quarters and the east one-quarter of Lot 33 in the Fifth Concession of the said Township; thence southerly along the dividing line between the west three-quarters and the east one-quarter of lots 33, 32 and 31 in the Fifth Concession of the said Township to its point of intersection with the northerly limit of the road allowance between lots 30 and 31 in the Fifth Concession of the said Township; thence along

the production of that dividing line in a straight line southerly across that allowance for road; thence continuing southerly along the dividing line between the west three-quarters and the east one-quarter of Lot 30 in the Fifth Concession of the said Township to its point of intersection with the dividing line between the north one-half and the south one-half of the said Lot 30; thence westerly along that dividing line to its point of intersection with the easterly limit of the road allowance between the Fourth and Fifth Concessions; thence along the production of that dividing line in a straight line westerly across that allowance for road; thence westerly along the dividing line between the northeast one-quarter and the southeast one-quarter of Lot 30 in the Fourth Concession in the said Township to the place of beginning.

14. In the Township of Sombra, in the County of Lambton, being part of lots 22, 23, 24 and 25 in the Eighth Concession, all of lots 22, 23 and 24 and part of lot 25 in the Ninth Concession, part of lots 22, 23, 24 and 25 in the Tenth Concession, part of the road allowance between the Eighth and Ninth Concessions and part of the road allowance between the Ninth and Tenth Concessions, described as follows:

Beginning at a point where the dividing line between the north one-half and the south one-half of lot 25 in the Tenth Concession intersects the dividing line between the east one-half and the west one-half of the said lot 25; thence southerly along that dividing line to its point of intersection with the northerly limit of the road allowance between the Ninth and Tenth Concessions; thence along the production of such dividing line in a straight line southerly across the road allowance between the Ninth and Tenth Concessions; thence continuing southerly along the dividing line between the east one-half and the west one-half of lot 25 in the Ninth Concession to its point of intersection with the northerly limit of the road allowance between the Eighth and Ninth Concessions; thence along the production of that dividing line in a straight line southerly across the road allowance between the Eighth and Ninth Concessions; thence continuing southerly along the dividing line between the east one-half and the west one-half of lot 25 in the Eighth Concession to its point of intersection with the dividing line between the north one-quarter and the south three-quarters of the said lot 25; thence westerly along the dividing line between the north one-quarter and the south three-quarters of lots 25, 24, 23 and 22 in the Eighth Concession to its point of intersection with the dividing line between lots 21 and 22; thence northerly along the dividing line between lots 21 and 22 in the Eighth Concession to its point of intersection with the southerly limit of the road allowance between the Eighth and Ninth Concessions; thence along the production of such dividing line in a straight line northerly across the road allowance between the

Eighth and Ninth Concessions; thence continuing northerly along the dividing line between lots 21 and 22 in the Ninth Concession to its point of intersection with the southerly limit of the road allowance between the Ninth and Tenth Concessions; thence along the production of such dividing line in a straight line northerly across the road allowance between the Ninth and Tenth Concessions; thence continuing northerly along the dividing line between lots 21 and 22 in the Tenth Concession to its point of intersection with the dividing line between the north one-half and the south one-half of the said lot 22; thence easterly along the dividing line between the north one-half and the south one-half of lots 22, 23, 24 and 25 in the Tenth Concession to the point of beginning.

15. In the Township of Enniskillen, in the County of Lambton, being part of lots 8, 9 and 10 in the First Concession, part of lots 8, 9 and 10 in the Second Concession and part of the road allowance between lots 9 and 10 in the First and Second Concessions, described as follows:

Beginning at a point where the dividing line between the north one-half and the south one-half of Lot 9 in the Second Concession intersects the westerly limit of the road allowance between lots 9 and 10 in the Second Concession; thence westerly along that dividing line and the dividing line between the north one-half and the south one-half of Lot 8 in the Second Concession to its point of intersection with the dividing line between the east one-half and the west one-half of the said Lot 8; thence southerly along that dividing line to its point of intersection with the dividing line between the First and Second Concessions; thence westerly along that dividing line to its point of intersection with the dividing line between lots 7 and 8; thence southerly along that dividing line to its point of intersection with the dividing line between the north one-half and the south one-half of Lot 8 in the First Concession; thence easterly along that dividing line and the dividing line between the north one-half and the south one-half of Lot 9 in the First Concession to its point of intersection with the westerly limit of the road allowance between lots 9 and 10 in the First Concession; thence along the production of such dividing line in a straight line easterly across the road allowance between the said lots 9 and 10; thence continuing easterly along the dividing line between the north one-half and the south one-half of the said Lot 10 to its point of intersection with the dividing line between the east one-half and the west one-half of the said Lot 10; thence northerly along that dividing line and the dividing line between the east one-half and the west one-half of Lot 10 in the Second Concession to its point of intersection with the dividing line between the north one-half and the south one-half of the said Lot 10; thence westerly along that dividing line to its point of intersection with the easterly

limit of the road allowance between lots 9 and 10 in the Second Concession; thence along the production of such dividing line in a straight line westerly across the road allowance between the said lots 9 and 10 to the place of beginning.

16. In the townships of Enniskillen and Dawn in the County of Lambton, being part of Lot 27, all of lots 28 and 29, part of Lot 30, part of the road allowance between lots 27 and 28, all in the First Concession, and part of the road allowance between the townships of Enniskillen and Dawn, all in the Township of Enniskillen, and part of lots 33 and 34 in the Twelfth Concession, part of Lot 32, all of lots 33 and 34 in the Thirteenth Concession, part of lots 33 and 34 in the Fourteenth Concession, part of the road allowance between concessions Twelve and Thirteen, part of the road allowance between concessions Thirteen and Fourteen, and part of the road allowance between the townships of Dawn and Enniskillen, all in the Township of Dawn, described as follows:

Beginning at a point where the northerly limit of Lot 28 intersects the easterly limit of the road allowance between lots 27 and 28, in the First Concession of the Township of Enniskillen; thence easterly along the northerly limit of lots 28 and 29 in the First Concession to its point of intersection with the dividing line between lots 29 and 30, in the First Concession; thence southerly along that dividing line a distance of 1,119.5 feet; thence easterly and parallel with the southerly limit of the said Lot 30 a distance of 492.6 feet to a point in a post and wire fence marking the dividing line between the east one-half and the west one-half of the west one-half of the said Lot 30; thence southerly along that dividing line a distance of 1,100 feet; thence easterly and parallel with the southerly limit of the said Lot 30 a distance of 496 feet to a point in a post and wire fence marking the dividing line between the east one-half and the west one-half of the said Lot 30; thence southerly along that dividing line a distance of 1,100 feet; thence easterly and parallel with the southerly limit of the said Lot 30 a distance of 500 feet; thence southerly and parallel with the westerly limit of the said Lot 30 to the point of intersection with the northerly limit of the road allowance between the townships of Enniskillen and Dawn; thence westerly along that northerly limit a distance of 56 feet; thence southerly and at right angles to that northerly limit to the southerly limit of that road allowance, which point is 800 feet from the easterly limit of the road allowance between the Thirteenth and Fourteenth concessions of the Township of Dawn when measured along the southerly limit of the road allowance between the townships of Enniskillen and Dawn; thence southerly and parallel to the easterly limit of the road allowance between the said Thirteenth and Fourteenth concessions across lots 34 and 33 in the said Fourteenth Concession to the point of intersection with the dividing line between lots 32 and 33 in the said Fourteenth Concession;

thence westerly along that dividing line to its point of intersection with the easterly limit of the road allowance between the said Thirteenth and Fourteenth concessions; thence along the production of such dividing line in a straight line westerly across that road allowance to its westerly limit; thence southerly along that westerly limit to its point of intersection with the dividing line between the north one-half and the south one-half of Lot 32 in the said Thirteenth Concession; thence westerly along that dividing line to its point of intersection with the easterly limit of the road allowance between the Twelfth and Thirteenth concessions of the Township of Dawn; thence northerly along the easterly limit of that road allowance to its point of intersection with the dividing line between lots 32 and 33 in the said Thirteenth Concession; thence along the production of such dividing line in a straight line westerly across that road allowance to its westerly limit; thence westerly in the dividing line between lots 32 and 33 in the said Twelfth Concession a distance of 600 feet; thence northerly and parallel with the westerly limit of the road allowance between the said Twelfth and Thirteenth concessions to the point of intersection with the dividing line between lots 33 and 34 in the said Twelfth Concession; thence westerly along that dividing line a distance of 500 feet to its point of intersection with the dividing line between the east one-half and the west one-half of the east one-half of Lot 34 in the said Twelfth Concession; thence northerly along that dividing line to its point of intersection with the southerly limit of the road allowance between the townships of Dawn and Enniskillen; thence along the production of that dividing line in a straight line northerly across that road allowance to its northerly limit; thence westerly along that northerly limit to its point of intersection with the dividing line between the east one-half and the west one-half of Lot 27 in the First Concession of the Township of Enniskillen; thence northerly along that dividing line to its point of intersection with the dividing line between the north one-half and the south one-half of the east one-half of the said Lot 27; thence easterly along that dividing line to a point which is 500 feet from the westerly limit of the road allowance between lots 27 and 28 in the said First Concession when measured along such dividing line; thence northerly and parallel with the westerly limit of that road allowance a distance of 1,100 feet; thence easterly and parallel with the northerly limit of the said Lot 27 a distance of 500 feet to the point of intersection with the westerly limit of the road allowance between the said lots 27 and 28; thence easterly in a straight line across that road allowance to its easterly limit; thence northerly along that easterly limit a distance of 1,100 feet to the point of beginning.

17. In the townships of Moore and Enniskillen in the County of Lambton, being part of Lot 1 in the Eighth Concession, part of Lot 1 in the Ninth Concession, part of the road allowance between the Eighth and Ninth concessions, part of the

Plank Road in the Ninth Concession, and part of the road allowance between the townships of Moore and Enniskillen in the Eighth and Ninth concessions, all in the Township of Moore, and part of lots 1, 2 and 3 in the Ninth Concession, part of lots 1, 2 and 3 in the Eighth Concession, part of the road allowance between the Eighth and Ninth concessions and part of the road allowance between the townships of Enniskillen and Moore in the Eighth and Ninth concessions, all in the Township of Enniskillen, described as follows:

Beginning at a point in the westerly limit of Lot 1 in the Ninth Concession of the Township of Enniskillen, which point is 1,109.30 feet from the southwest angle of the said Lot 1 when measured along such westerly limit; thence easterly and parallel to the northerly limit of the road allowance between the Eighth and Ninth concessions of the Township of Enniskillen to a point in Lot 3 in the said Ninth Concession, which point is 493.75 feet from the easterly limit of the said Lot 3 when measured parallel to such northerly limit; thence southerly and parallel to the easterly limit of the said Lot 3 to the northerly limit of the road allowance between the said Eighth and Ninth concessions; thence continuing southerly and parallel to the easterly limit of the said Lot 3 to the southerly limit of that road allowance, which point is 493.75 feet from the easterly limit of Lot 3 in the said Eighth Concession when measured along such southerly limit; thence southerly and parallel with the easterly limit of Lot 3 in the said Eighth Concession a distance of 3,672.22 feet; thence westerly and parallel with the southerly limit of the road allowance between the said Eighth and Ninth concessions to the easterly limit of the road allowance between the townships of Enniskillen and Moore; thence northerly along that easterly limit to its point of intersection with the production easterly of a line parallel to the southerly limit of the road allowance between the Eighth and Ninth concessions of the Township of Moore, which line is 3,670.96 feet from the northeast angle of Lot 1 in the Eighth Concession of the Township of Moore when measured southerly along the westerly limit of the road allowance between the townships of Enniskillen and Moore; thence westerly along the production of that line to the westerly limit of the road allowance between the townships of Enniskillen and Moore; thence westerly and parallel with the southerly limit of the road allowance between the Eighth and Ninth concessions of the Township of Moore to the point of intersection with the dividing line between the east one-half and the west one-half of Lot 1 in the Eighth Concession of the Township of Moore; thence northerly along that dividing line to the southerly limit of the road allowance between the Eighth and Ninth concessions of the Township of Moore; thence along the production of that dividing line in a straight line northerly across that road allowance to its northerly limit; thence continuing northerly along the dividing line between the east one-half and the west one-half of Lot 1 in the said Ninth

Concession to its point of intersection with the southwesterly limit of the Plank Road; thence along the production of that dividing line in a straight line northerly across the Plank Road to its northeasterly limit; thence continuing northerly along that dividing line a distance of 182.50 feet; thence easterly and parallel with the northerly limit of the road allowance between the Eighth and Ninth concessions of the Township of Moore to the westerly limit of the road allowance between the townships of Moore and Enniskillen; thence easterly in a straight line across that road allowance to the place of beginning.

18. In the Township of Sombra, in the County of Lambton, being part of lots 13, 14, 15 and 16 in the Thirteenth Concession, parts of lots 13, 14 and 15 in the Fourteenth Concession, part of the road allowance between the Thirteenth and Fourteenth concessions and part of the road allowances in lots 14 and 16 and between lots 15 and 16, all in the Thirteenth and Fourteenth concessions, described as follows:

Beginning at the point where the dividing line between the west one-half and the east one-half of Lot 13 in the Thirteenth Concession intersects the southerly limit of the road allowance between the Thirteenth and Fourteenth concessions; thence southerly along that dividing line to its point of intersection with the dividing line between the north one-half and the south one-half of the said Lot 13; thence easterly along that dividing line to the dividing line between lots 13 and 14 in the Thirteenth Concession; thence southerly along that dividing line to a point 660 feet northerly of the northerly limit of the road allowance between the Twelfth and Thirteenth concessions when measured along that dividing line; thence easterly and parallel to that northerly limit to the dividing line between the west one-half and the east one-half of Lot 16 in the Thirteenth Concession; thence northerly along that dividing line to the northerly limit of the said Lot 16; thence westerly along that limit to the northwest angle of the said Lot 16; thence continuing westerly along the production of that limit across the road allowance between lots 16 and 15 in the Thirteenth Concession; thence northerly in a straight line to the southeast angle of Lot 15 in the Fourteenth Concession; thence continuing northerly along the easterly limit of the said Lot 15 to the dividing line between the south one-quarter and the north three-quarters of the said Lot 15; thence westerly along that dividing line to its point of intersection with the dividing line between the east one-half and the west one-half of the said Lot 15; thence northerly along that dividing line to its point of intersection with the dividing line between the south one-half and the north one-half of the said Lot 15; thence westerly along that dividing line, along the dividing line between the south one-half and the north one-half of Lot 14 in the Fourteenth Concession and along the dividing line between

the south one-half and the north one-half of Lot 13 in the Fourteenth Concession to the point of intersection with the dividing line between the east one-half and the west one-half of the said Lot 13; thence southerly along that dividing line to the northerly limit of the road allowance between the Fourteenth and Thirteenth concessions; thence continuing southerly in a straight line across that road allowance to the place of beginning. R.R.O. 1970, Reg. 626, Sched.; O. Reg. 585/74, s. 2; O. Reg. 907/74, s. 1; O. Reg. 632/75, s. 1; O. Reg. 708/75, s. 1; O. Reg. 524/77, s. 1; O. Reg. 582/77, s. 1; O. Reg. 372/78, s. 1; O. Reg. 496/78, s. 1.

Form 1

*Ontario Energy Board Act*

1. I, ....., Chairman of the Ontario Energy Board, hereby give to ..... the authority required under section 59 of the *Ontario Energy Board Act* in respect of.....  
.....  
.....  
2. This authorization expires with the..... day of....., 19....  
Dated at Toronto, this.....day of....., 19....  
.....  
.....  
Chairman  
Ontario Energy Board  
R.R.O. 1970, Reg. 626, Form 1.

Form 2

*Ontario Energy Board Act*

IN THE MATTER OF PROPOSED SUMMARY PROCEEDINGS

AGAINST.....  
1. I, ....., Minister of Energy, hereby give permission to.....  
.....  
to lay an information against.....  
under section .....of the *Ontario Energy Board Act*.  
2. I give this permission under subsection.....( ) of the Act.  
Dated at Toronto, this.....day of....., 19....  
.....  
.....  
Minister of Energy  
R.R.O. 1970, Reg. 626, Form 2; O. Reg. 585/74, s. 3.

## REGULATION 701

under the Ontario Energy Board Act

### RULES OF PROCEDURE

#### 1. In this Regulation,

- (a) "file" means file with the Board;
- (b) "respondent" means a person, other than the applicant, named in an application as a person affected and such other person as the Board directs to be served with notice of the application. R.R.O. 1970, Reg. 627, s. 1; O. Reg. 260/73, s. 1.

2.—(1) A proceeding commenced by the Board shall be commenced by notice by the Board to any transmitter, distributor or storage company affected and to such other persons as the Board considers interested.

(2) Where a transmitter, distributor or storage company seeks to obtain,

- (a) an exemption from the requirements of subsection 46 (1) of the Act; or
- (b) an approval, consent or determination provided for in a system of accounts prescribed under the Act and the regulations,

a proceeding may be commenced by the transmitter, distributor or storage company without the filing of an application by mailing or delivering to the Board a letter, signed in the case of a corporation by an officer thereof, setting forth the exemption, approval, consent or determination requested, and in such case sections 3, 4 and 5 do not apply.

(3) Except as provided in subsections (1) and (2) a proceeding before the Board under the Act or any other Act, other than a reference by the Minister or by requirement of the Lieutenant Governor in Council, shall be commenced by filing an application.

(4) Where the Board requires the preparation of information and material as evidence incidental to a proceeding, such information and material shall be filed with the Board in accordance with the directions and requirements of the Board, but shall not be served on the respondents, if any, unless otherwise directed by the Board. R.R.O. 1970, Reg. 627, s. 2.

#### 3.—(1) An application shall,

- (a) be filed in duplicate;

(b) contain a clear and concise statement of the facts, the grounds of application, the provisions of the Act under which it is made, the nature of the order applied for and the relief or remedy to which the applicant claims to be entitled;

(c) be divided into paragraphs numbered consecutively, each of which is confined as nearly as possible to a distinct portion of the subject;

(d) where the applicant is of the opinion that the application affects any person other than the applicant,

- (i) set out the name and address of that other person, or

(ii) in the case of an application in respect of rates or in the case of any other application where it is impractical to set out the names and addresses of all persons affected by the application because they are too numerous or for any other reason, set out,

(A) the reason that it is impractical to set out the names and addresses,

(B) a general description of each class of persons affected by the application, and

(C) a brief statement of the nature of the effect on each such class of persons;

(e) be endorsed with the name and address of the applicant and of his solicitor if documents are to be served on his solicitor. R.R.O. 1970, Reg. 627, s. 3 (1); O. Reg. 260/73, s. 2 (1).

#### (2) The style of cause of an application,

(a) shall state the name of the applicant;

(b) shall describe the general nature of the application and the relief sought;

(c) shall contain a reference to the statute under which the application is made; and

(d) need not state the name of a respondent.

(3) Upon the filing of an application the Board,

(a) shall give directions as to,

(i) the form of notice of the application, and

(ii) service of notice of the application; and

(b) where the Board, at the time it gives directions for service of notice of the application, sets a date for hearing the application the Board may direct service of a combined notice of application and of hearing.

(4) A notice of application shall state the time limits for the filing and service of an answer.

(5) The applicant shall serve notice of the application in accordance with the directions of the Board and shall, forthwith after completing service, file with the Board an affidavit of service showing compliance with the directions and showing the date or dates of service. O. Reg. 260/73, s. 2 (2).

4.—(1) A respondent who intends to oppose or otherwise intervene in an application shall file an answer to the application and serve a copy of the answer upon the applicant or, where the name of the solicitor for the applicant is set out in the application, upon the solicitor for the applicant.

(2) The filing or service of an answer by a respondent to an application shall be made by delivering in person or by mailing the answer by registered mail within fourteen days after the day of service of notice of the application upon the respondent. O. Reg. 260/73, s. 3 (1).

(3) The answer to an application shall,

(a) be filed in duplicate;

(b) contain a clear and concise statement of the interest of the respondent and his grounds for opposing the application or otherwise intervening; and

(c) be endorsed with the name and address of the respondent and of his solicitor if documents are to be served on his solicitor. R.R.O. 1970, Reg. 627, s. 4 (2); O. Reg. 260/73, s. 3 (2).

5.—(1) An applicant may file a reply to the answer of a respondent and shall serve a copy of the reply upon the respondent or, where the name of the solicitor for the respondent is set out in the answer, upon the solicitor for the respondent.

(2) The filing or service of a reply to an answer by a respondent shall be made by delivering in person or by mailing the reply by registered mail

within ten days after the day of service of the answer by the respondent. O. Reg. 260/73, s. 4 (1).

(3) The reply shall,

(a) be filed in duplicate; and

(b) be endorsed with the name and address of the applicant and of his solicitor if documents are to be served on his solicitor. R.R.O. 1970, Reg. 627, s. 5 (2).

6. Sections 4, 5 and 7 do not apply to an application for an order to be made under sections 48, 49 or 51 of the Act. O. Reg. 260/73, s. 5.

7. Where a hearing is to be held, the Board shall serve upon the parties or direct a party to the proceeding to serve upon the other parties a notice of the hearing. O. Reg. 260/73, s. 6.

8.—(1) Service of any notice, document or paper may be personal or by registered mail and service may be on the party to the proceeding or on his solicitor where a solicitor is named in the application, answer or reply.

(2) Filing of any notice, document or paper may be by registered mail. R.R.O. 1970, Reg. 627, s. 8 (1, 2).

(3) Service or filing by registered mail is deemed to be effected on the fifth day after the date of mailing. O. Reg. 260/73, s. 7 (1).

(4) The Board, where in its opinion the circumstances so require, may direct service of any notice, document or paper by public advertisement and any such service shall be deemed to be effected on the last date of publication. O. Reg. 260/73, s. 7 (2).

(5) Where the Board so directs, a notice of hearing shall be published as well as served in the manner set out in the direction of the Board. R.R.O. 1970, Reg. 627, s. 8 (5).

9. No proceeding is invalid by reason only of a defect or other irregularity in form. R.R.O. 1970, Reg. 627, s. 9.

10.—(1) The Board may, upon such terms as it considers proper, enlarge the time prescribed by this Regulation for doing any act, serving or filing any notice, document or paper or taking any proceeding and may exercise the power although application therefor is not made until after the expiration of the time prescribed.

(2) Where the Board is satisfied that it is necessary or convenient in the public interest, it may, upon such terms and conditions as it considers proper, abridge the time prescribed by this Regulation for doing any act, serving or filing any notice, document or paper or taking any proceeding. R.R.O. 1970, Reg. 627, s. 10.

## REGULATION 702

under the Ontario Energy Board Act

### UNIFORM SYSTEM OF ACCOUNTS FOR GAS UTILITIES CLASS A

1. In this Regulation, "Class 'A' gas utility" means a gas transmitter, distributor or storage company that has annual revenues of more than \$1,000,000 from rates and other charges that are approved or fixed by orders of the Board. O. Reg. 1016/76, s. 1.

2. The uniform system of accounts set out in the Schedule is prescribed for use by Class 'A' gas utilities and every Class 'A' gas utility shall keep its accounts in accordance with such uniform system of accounts and with the approvals, consents or determinations of the Board required in the system. R.R.O. 1970, Reg. 628, s. 2 (1), *revised*.

#### Schedule

##### PART I

##### ONTARIO ENERGY BOARD

#### UNIFORM SYSTEM OF ACCOUNTS FOR CLASS "A" GAS UTILITIES

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## 1. INTRODUCTION

This system is in substantial conformity with the Classification of Accounts prepared by the Canadian Gas Association and with the systems prescribed for use by gas companies elsewhere in Canada.

Inclusion of any item or account in this prescribed system of accounts does not necessarily imply the Board's acceptance of any expenditure or procedure suggested by the use of such an account.

## 2. RECORDS

The books to be used in recording transactions shall conform to accepted accounting procedure and every account in the general ledger, in which transactions are assembled for balance sheet purposes, shall bear reference to the account number and title under which it is classified. However, each gas company may, in addition, use a different system of account numbers, provided the account numbers herein described appear in the descriptive headings of the ledger accounts.

The records shall be kept in such form as to permit determination of the correctness of the accounting, and with sufficient particularity to show fully the facts pertaining to all entries made in the accounts.

Where full information is not recorded in the general books, the entries therein shall be supported by other records in which full details shall be shown. The general book entries shall contain sufficient reference to the detailed records to permit ready identification, and the detailed records shall be filed in such manner as to be readily accessible for examination by representatives of the Board. Companies are at liberty to subdivide or, with the consent of the Board, condense the general and primary accounts here given.

## 3. PURPOSE OF ACCOUNT GROUPING

The accounts of this classification are grouped so as to show the results of the group of which they form a part. The plant accounts are classified according to the various types of plant included therein. The operating and maintenance accounts are classified according to the function which benefited from the expense and may be further subdivided by responsibility.

### *Balance sheet accounts (account No. series 100 and 200)*

The balance sheet and related accounts are designed to disclose the company's financial condition at the balance sheet date, by showing the assets, liabilities, capital stock and related items and the balance of retained earnings (or deficit).

*Income accounts* (account Nos. 300 to 349 inclusive)

The accounts in this grouping summarize revenues and expenses and are designed to show for each fiscal year the total amount of money that the company has earned for services, the cost of rendering services, the accrued return on investments, and the amount of accrued taxes and accrued charges for the use of money or property of others. Revenues and expenses of non-gas operations shall be included in the accounts provided for this type of revenue and expense. The net balance of income (or loss) shall be transferred to retained earnings.

*Retained earnings accounts* (account Nos. 350 to 399 inclusive)

The accounts in this grouping form a connecting link between the income accounts and retained earnings (or deficit) as stated on the balance sheet and provide an analysis of changes in retained earnings (or deficit) balance during the year.

In addition to this final summarization of regular financial results, the group also provides accounts to disclose the results of unusual items which in aggregate are so material in relation to net income of the year that inclusion therein would impair its significance and be misleading, and which are of a nature not clearly identifiable with the company's typical business transactions.

*Plant accounts* (account No. series 400)

The accounts in this grouping are designed to classify the company's plant used in gas operations.

The physical plant not used in gas operations is provided for in a balance sheet account for other plant. The plant records shall be so maintained as to show separately expenditures for each addition and replacement project.

*Operating revenue accounts* (account No. series 500)

The accounts in this grouping are designed to classify all revenue which the company is entitled to receive from gas operations and from operations incident thereto.

*Operating and maintenance accounts* (account No. series 600, 700 and 800)

The accounts in these groupings are designed to classify the expenses of operating and maintaining plant, property and equipment in service and the cost of gas purchased and the cost of gas used in connection with gas operations.

Within the operating and maintenance accounts are separate groups of accounts for each function, such as Gas Supply, Transmission, Distribution, General and Administrative to facilitate the preparation of statements required for these operations.

*Clearing accounts* (account No. series 900)

The accounts in this group include expenditures relating to operations, maintenance and construction, which cannot be conveniently distributed directly to a particular expense or plant account. The Company may at its option use other clearing accounts in addition to those contained in this classification. Amounts charged to these accounts shall be accumulated and then charged out on an equitable basis. Balances in clearing accounts shall be substantially cleared not later than the end of the fiscal year unless balances held therein relate to a future period.

#### 4. ACCOUNT DESCRIPTIONS

Lists of "examples" or "components" appearing in the text of the accounts or elsewhere herein are for the purpose of more clearly indicating the application of the prescribed accounting. The lists are intended to be representative, but not exhaustive. The appearance of an item in a list warrants the inclusion of the item only when the text also indicates inclusion, inasmuch as the same item frequently appears in more than one list. The proper entry in each instance must be determined by the texts of the accounts.

#### 5. SUBMISSION OF QUESTIONS

Since uniformity of accounting by gas companies in Ontario is a basic reason for this system of accounts, companies shall submit all questions of doubtful interpretation of the accounting rules to the Board for determination.

#### 6. PLANT ACQUIRED OR CONSTRUCTED

The primary plant accounts shall record the cost to acquire or construct gas plant, except as otherwise provided in these instructions. If consideration given for such plant is other than cash, the cash equivalent shall be charged to the applicable accounts and sufficient details of the actual consideration shall be retained to provide for identification.

Where the company purchases all or part of the existing facilities of a non-affiliated gas company, the cost to acquire gas plant shall be distributed to the accounts, unless the Board determines that a portion of the acquisition cost is not properly includible as gas plant. Such amounts shall then be included in account No. 104, "Gas Plant Acquisition Adjustments". If the facilities are purchased from an affiliated company, both the cost to the affiliated company and the accumulated depreciation to the date of acquisition shall be recorded in the company's books.

Where, at the time this system of accounts becomes applicable to a gas company, any part of the plant is recorded at redetermined values rather than at cost, the company may continue to so record such property until the Board directs that all or part of the difference between cost and redetermined value be transferred to account No. 107, "Other Gas Plant Adjustments". Whenever the Board excludes from the rate base any of the difference, such exclusion shall be a sufficient direction for a corresponding transfer from the Gas Plant Accounts to account No. 107, "Other Gas Plant Adjustments".

If the plant is constructed by or for the company, the cost to be recorded shall include the cost of labour, material and supplies, special machine and heavy work equipment service, transportation, contract work, insurance, injuries and damages, privileges, overhead charged to construction and interest during construction. These items of cost are defined below.

*Cost of labour* includes the amount paid for labour, (including fringe benefits) to the company's own employees. When employees are specifically assigned to construction work, their pay, while thus engaged, shall be included in the cost of the work. No charge shall be made to primary plant accounts for the pay of employees whose services in connection with construction are merely incidental, except as provided for in cost of overhead charged to construction.

The travelling and other incidental expenses of employees shall be distributed in accordance with distribution of the pay of such employees.

*Cost of material and supplies* includes the purchase price of material and supplies less trade discounts realized, and including cost of small tools, ad valorem taxes, inspection, transportation and loading; where appropriate, a suitable proportion of stores expenses.

In charging the plant accounts with material and supplies used, proper allowance shall be made for the value of unused portions and other salvage, the material recovered from temporary pipe scaffolding and other temporary structures used in construction, and small tools recovered and usable for other purposes.

*Cost of special machine and heavy work equipment service* includes the cost of labour, material and supplies, depreciation and other expenses incurred in maintaining and operating power shovels, scrapers, pile drivers, dredges, ditchers, material loaders and other labour-saving machines; also amounts paid to others for rent and maintenance of such machines. It does not include the cost of small tools and other individual items of small value or short life which are included in the cost of material and supplies.

When a construction project necessitates the purchase of equipment to be used exclusively therein until its work on the project is completed, the cost of such equipment shall be included in the accounts representing the cost of the work and no charge shall be made to expenses for depreciation on such equipment while the cost remains so charged. The amount realized from any subsequent sale, or the appraised value of equipment retained after the completion of the work for which it was purchased, shall be credited to the accounts charged with its cost. The appraised value of such equipment retained shall be debited to the appropriate primary account, and thereafter, for the purposes of accounting, such appraised value shall be considered as the cost of the equipment.

*Cost of transportation* includes the cost of transporting men, materials and supplies, special machine outfits and appliances and tools for construction purposes. The cost of the transportation of construction material to the point where material is received by the company shall be included, so far as practicable, as a part of the cost of such material.

*Cost of contract work* includes amounts paid for work performed under contract by other companies or individuals.

*Cost of insurance, injuries and damages* includes that portion of premiums incurred for insuring plant and personnel during construction, also the charges for protection against fire and wilful destruction and the cost of injuries to persons, damage to property of others and damages to plant incident to construction. Insurance recovered shall be credited to the accounts chargeable with the expenditures necessary to restore the damaged plant. The injuries and damages incident to the removal of the old structures or parts thereof shall be charged to the account recording retirement costs.

*Cost of privileges* includes compensation for temporary privileges such as the use of public property or streets, in connection with construction work.

*Cost of overhead charged to construction* includes engineering, supervision, administrative salaries and expenses, construction engineering and supervision, legal expenses, taxes and other similar items. The assignment of overhead costs to particular jobs or units shall be on the basis of a reasonable allocation of actual costs. The records supporting the entries for overhead charged to construction costs shall be maintained so as to show the total amount for each element of overhead for the year and the basis of distribution.

*Cost of interest during construction* may include the cost to the company for the use of funds for the purposes of construction, whether or not long term debt has been incurred. The basis of calculation of cost shall be as outlined in account No. 324, "Interest During Construction (Credit)".

*Contributions or grants* in cash, services or property from governments or government agencies, corporations, individuals, and others for contributions in aid of construction shall be applied as a reduction of the primary plant accounts to which they refer, if not recorded separately in account No. 299, "Contributions and Grants".

*Date devoted to service*

On the date the plant is devoted to service, the company shall cease to capitalize interest on such plant as is complete and in service and from that date it shall compute and charge to expenses or other appropriate accounts an amount representing depreciation as determined under section 10 of these instructions. Operating revenues received and operating expenses incurred after the date devoted to public service shall be included in the appropriate operating revenue and expense accounts.

*Work order and property record system required*

(A) Each utility shall record all construction and retirements of utility plant by means of work orders or job orders. Separate work orders may be opened for additions to and retirements of utility plant, or retirements may be included with the construction work order, provided, however, that all items relating to the retirements shall be kept separate from those relating to construction and provided further that any maintenance costs involved in the work shall likewise be segregated.

(B) Each utility shall keep its work order system so as to show the nature of additions to or retirements of utility plant, the total cost thereof, the source or sources of costs, and the utility plant account or accounts to which charged or credited. Work orders covering jobs of short duration may be cleared monthly.

(C) Each utility shall maintain records in which, for each plant account, the amounts of the annual additions and retirements are classified so as to show the number and cost of the various retirement units or other appropriate record units included therein.

## 7. ADDITIONS

*Additions* are increases in gas plant through purchase or construction of additional plant and/or replacement of existing plant. The cost of additions to or replacement of gas plant shall be charged to the appropriate plant account.

Description of typical elements of construction are referred to in General Instructions, Section 6, "Plant Acquired or Constructed". All expenditures relevant to new construction are capitalized. After the completion of initial construction, only the costs directly connected to additions or replacements of plant are capitalized.

For the purpose of avoiding undue refinement in accounting for additions and replacements of gas plant, all property charged within the plant accounts shall be considered as consisting of Plant Units and Minor Items of Plant.

*Plant units*—Each company shall use its own list of plant units, such lists to be filed with and subject to the approval of the Board. A plant unit is not necessarily a complete structure but may be part of a complete structure where such a part is a physically distinct part of the structure, and the amount of money involved is material. It is contemplated that the list of plant units will be revised and amended from time to time as experience and conditions warrant.

Plant units shall be accounted for in the following manner:

*Additions*—The cost of a plant unit shall be charged to the appropriate plant account.

*Retirements*—The ledger value of the plant unit shall be credited to the appropriate plant account.

*Replacements*—The ledger value of the original plant unit shall be credited to the appropriate plant account, and the cost of the replacement shall be charged to the appropriate plant account.

*Minor items of plant* are the associated parts or items composing a plant unit, and shall be accounted for in the following manner:

*Additions*—The cost of a minor item of plant which did not previously exist shall be charged to the appropriate plant account unless excluded therefrom by the minimum rule.

*Retirements*—The ledger value of a minor item of plant shall be credited to the appropriate plant account. If, however, the ledger value of the minor item retired and not replaced will be accounted for on the retirement of the plant unit with which it is associated, no adjustment shall be made to the plant accounts when such minor item is retired.

*Replacements*—The cost of a minor item of plant shall be charged to the appropriate expense account.

The *minimum rule* is intended for accounting convenience to provide a dollar limit on the charging of costs of minor items of plant to plant accounts. When costs of such items are less than selected minimum dollar amounts, such costs shall be charged to the expense accounts. No change is to be made in the selected minimum dollar amounts except by approval of the Board.

*Repairs made during plant changes*—see General Instructions, Section 9, "Maintenance".

*Relocation of pipe line*—see General Instructions, Section 8, "Retirements"

*Second-hand plant*—When second-hand plant acquired (not previously owned by the company) is in such physical condition that it is necessary to make extensive repairs to bring it up to the standard required by the company, the cost of such repairs shall be included in the appropriate plant account.

*Major renewals and repairs*—When the cost of renewals to parts of a plant unit, exclusive of the cost of dismantling and/or repairing old parts reused exceeds fifty per cent of the replacement cost of a new plant unit of the kind and class as rebuilt at the time of rebuilding, the plant unit shall be considered as rebuilt.

The rebuilt plant unit shall be accounted for as an addition and the old plant accounted for as retired from service. The term "cost of renewals" means the cost of material (other than second-hand parts remaining in the rebuilt plant unit) plus the cost of labour used in the rebuilding process, exclusive of the expense of dismantling and repairing old parts reused.

The charge to the appropriate plant account for the rebuilt plant unit shall be the sum of (1) the value of the second-hand parts remaining in the rebuilt plant unit, appropriately valued and (2) the cost of labour and additional material applied; both exclusive of the expense of dismantling and repairing second-hand parts reused.

## 8. RETIREMENTS

(A) *Depreciable plant*—When a plant unit is retired from gas operations the ledger value thereof shall be eliminated by crediting the appropriate plant accounts. When plant comprising less than a plant unit is removed from service, no adjustment shall be made to the plant accounts if its value will be retired upon the retirement of the plant unit with which it is associated. If the plant being retired is classified as depreciable, the ledger value less the net salvage value and/or insurance, if any, recovered shall be charged to accumulated depreciation.

*Ledger value* is the amount at which property is carried in the plant account. In case the value of any portion of plant is not shown separately, the ledger value of that portion shall be its proportionate share of the value of the entire group in which the particular plant is included.

*Salvage value* represents the value of material recovered from plant retired. If sold, this value shall be the selling price. If retained, for use by the company and charged to account No. 150, "Material and Supplies—Gas", or other accounts of this classification, this value shall be the ledger value of the material. Net salvage value means the salvage value less removal costs. In a case where the insurance recovery and salvage exceeds the ledger value, and the amount of the excess is material, the total credit to the accumulated depreciation account shall not exceed the ledger value. Any such excess, if material, shall be credited to account No. 351, "Profit from Sale of Plant".

*Ordinary retirements* result from causes reasonably assumed to have been contemplated in prior depreciation provisions, and normally may be expected to occur when plant reaches the end of its expected service life. In the case of such a retirement, accumulated depreciation shall be charged with the ledger value and the cost of removal and credited with amounts realized for salvage and insurance. There is no charge or credit to income for an ordinary retirement. (See General Instructions, Section 10 (B), "Depreciation".)

*Extraordinary retirements* result from causes not reasonably assumed to have been anticipated or contemplated in prior depreciation or amortization provisions. Such causes include unusual casualties (fire, storm, flood, etc.), sudden and complete obsolescence, or unexpected and permanent shutdown of an operating assembly or plant. An extraordinary retirement results in a loss (or gain) to the extent that the net charges (or credits) would unduly deplete (or inflate) the accumulated depreciation or amortization accounts. A loss (or gain) is comprised of the difference between the plant ledger value plus cost of removal less salvage and insurance recoveries and the related depreciation or amortization determined in an equitable manner.

Losses as a result of an extraordinary retirement may be charged to account No. 355, "Loss from Sale or Retirement of Plant", or to account No. 171, "Extraordinary Plant Losses". Gains, if any, as a result of an extraordinary retirement shall be credited to account No. 351, "Profit from Sale of Plant", subject to the prior approval of the Board; otherwise, they shall be credited to account No. 171 to offset other losses, resulting from extraordinary retirements. However, any proceeds in excess of original cost of plant retired shall be credited to account No. 351, "Profit from Sale of Plant".

(B) *Non-depreciable plant*—When non-depreciable plant is no longer required for gas purposes but is retained by the company, its ledger value shall be transferred to account No. 110, "Other Plant". When non-depreciable plant is sold, the ledger value thereof shall be credited to the applicable plant account and any profit or loss, if material, shall be recorded in account No. 351, "Profit from Sale of Plant", account No. 355, "Loss from Sale or Retirement of Plant", or account No. 171, "Extraordinary Plant Losses", as applicable.

If the profit or loss on disposal of non-depreciable plant is immaterial, such profit or loss shall be recorded in account No. 319, "Other Income" or account No. 329, "Other Income Deductions", as applicable.

(C) *Pipe relocations*—Where a pipe line is relocated the part of the line changed shall be considered plant retired and the ledger value thereof shall be credited to the appropriate plant account. The new line shall be considered an addition and its cost charged to the appropriate plant account. The cost of such pipe line changes which involve less than a plant unit of line pipe shall be charged to expense.

Where a company's pipe line or any part thereof is located in accordance with an agreement, the terms of which may require the company to relocate all or part of its pipe line and the circumstances are such that the company has no reasonable alternative but to relocate a plant unit or more of line pipe and such relocation would be a replacement (as defined in General Instructions, Section 7) unless otherwise provided, the company may, with the approval of the Board, charge the cost of relocation to expenses of the period in which the work was done. Where such relocation results from action by a governmental authority it may be accounted for in a similar manner.

(D) *Pipe replacements*—Where the retired pipe is replaced with other pipe in the same location, the cost of opening and back-filling the trench, together with the cost of hauling, laying and connecting the pipe, and other costs of pipe line construction, shall be charged to the appropriate plant account. The cost of removing the retired pipe from the trench shall be accounted for as cost of recovering the salvage. The cost of reconditioning the line pipe not removed shall be accounted for as maintenance and not as retirements and replacements.

If the retired line pipe is not replaced in the same location, the cost of opening and back filling the trench from which the pipe is removed, together with the cost of removing the pipe, shall be accounted for as cost of recovering the salvage.

## 9. MAINTENANCE

The cost of repairs to be included in the maintenance accounts shall include the cost of inspecting to determine what repairs are necessary; also the cost of adjusting, repairing, or replacing parts, and the cost of inspecting, testing and running of parts to determine that the repairs were properly made and that the repaired items are ready for service.

When repairs are made to existing plant concurrent with a plant addition or replacement, the cost of new repair material, plus the labour cost actually incurred, shall be charged to the appropriate plant account. If such repairs do not include a plant addition or replacement, then the cost shall be charged to the expense account appropriate for repairs to the plant being repaired.

There shall be included in the cost of repairs, incidental costs such as the construction and removal of false work in connection with maintenance; the cost of relocating pipe line plant when retirement accounting for units of plant is not involved; the cost of repairing fences, sidewalks, driveways and streets within or adjacent to such grounds.

The elements of maintenance shall include labour, materials and supplies, special machine and heavy work equipment service, transportation, contract work, privileges, protection from casualties and injuries and damages, (as outlined in General Instructions, Section 6) for similar elements of cost of plant acquired or constructed. Royalties paid for patent rights on mechanical appliances used in repairs shall be included in the cost of repairs.

*Equalization of maintenance expenses*—The cost of maintaining plant shall be included in the appropriate primary accounts in the month in which the expense is incurred. In case the company adopts a budget or estimate, for all or part of the fiscal year, of expenses includible in one or more primary maintenance accounts, an equitable monthly proportion of the difference between the budgeted or estimated expenses and the actual expenses chargeable each month may be debited or credited to the appropriate expense accounts with contra entries in account No. 275, "Gas Cost and Maintenance Equalization". If certain primary accounts only are budgeted, the company's records shall show, for amounts included in the equalization reserve account, the amount of the equalization assignable to each such primary account.

## 10. DEPRECIATION

(A) There shall be charged monthly to account No. 303, "Depreciation", or other appropriate accounts and credited to the account for accumulated depreciation amounts which will allocate the service value of the plant over its estimated service life in a systematic and rational manner. The service value of the assets, for depreciation purposes shall be their cost or redetermined value where this is recorded instead of cost with the approval of the Board, less their estimated net salvage value. Net salvage value means the salvage value less removal costs. The service life is the period of time between the installation or acquisition of the plant and its retirement for accounting purposes. In determining the amount of the allocation, consideration may properly be given to pertinent factors such as variations in use, increasing obsolescence or inadequacy.

(B) The charges for depreciation shall be computed in conformity with the group system under the straight-line method or other methods approved by the Board. The group system contemplates that some part of the investment in a group of assets probably will be recovered through salvage realizations, and that probably there will be variations in the service lives of the assets constituting the group, even among assets of the same class. The depreciation provision determined for the group is a weighted average of the various individual expectancies of life and salvage for the respective assets in the group. It is not the intention of the classification to require the company to keep records of the accumulated depreciation of each unit of plant. However, for purposes of reporting to the Board, summaries shall be maintained so that the accumulated depreciation can be subdivided to show separately the amount applicable to each primary account or to each group of primary accounts comprised of plant which performs similar functions.

When the retirement or disposal of any individual asset in a group occurs under circumstances reasonably provided for through accumulated depreciation, it may be assumed such provision has been made. Thus, whether the period of service is less or greater than average, accumulated depreciation attributable to an asset at the time of retirement under such circumstances is equal to the cost, except for that portion reasonably assumed recoverable through salvage realization. Assets remaining in use after reaching the average life expectancy are not regarded as fully depreciated until actual retirement. (See Section 8 (A) of these General Instructions.)

(C) All primary plant accounts (with the exception of accounts in the 400 series for "Land" and account No. 458, "Base Pressure Gas") are classed as accounts covering assets which are depreciable. In addition, to the extent that account Nos. 401, "Franchises and Consents", 402, "Other Intangible Plant", or other similar accounts such as "Land Rights" contain items which are subject to recognizable loss in value, such items shall be depreciable.

(D) Except as herein otherwise provided, monthly depreciation charges under the straight-line method shall be computed by applying the annual percentage rate to the depreciation base as of the first of each month and dividing the result by twelve, or if the company obtains prior approval of the Board, by applying the annual percentage rate to the depreciation base at the beginning of the company year and dividing that result by twelve. The company may, at its option where the amount is material, compute depreciation charges commencing on the date the plant was actually transferred to service rather than the first of the month following transfer to service. A company which, at the effective date of this System of Accounts, is using a year-end depreciation base shall continue to do so until revised rates of depreciation are established after the company's next comprehensive depreciation study.

(E) A separate rate for each group of primary accounts or each primary account shall be used in computing depreciation charges. The rate so established may itself be a composite rate due to the different types of assets in the primary account. The rate shall be such as has been approved by the Board except that where no rate for each group of primary accounts or each primary account has previously been approved an interim rate as estimated by the company shall be used until approved by the Board.

(F) As soon as the information can be assembled the company shall file with the Board rates estimated to be appropriate for each primary account or each group of primary accounts covering depreciable plant. Non-depreciable plant shall not be included in calculating the rates or in applying them. These rates shall be based on the estimated service values and estimated service lives of the plant developed by a study of the company's history and experience and such engineering and other information as may be available with respect to future conditions. Such rates shall, for each primary account or group of primary accounts comprised of more than one class of plant, produce a charge for depreciation equal to the sum of the amounts that would otherwise be chargeable as depreciation for each of the various classes of plant included in such account or such group of accounts. The rates when filed shall be accompanied by a statement showing the bases therefor and the methods employed in their computation, and may be developed by the company by the method deemed most appropriate in the light of the company's retirement experience.

(G) After the effective date of this System of Accounts, records shall be maintained so that when plant is retired, details will be available to show the service life, cost of removal, and the proceeds from salvage of each class of depreciable plant.

The company shall be prepared at any time, upon direction of the Board, to compute and submit for its approval revised rates in cases where existing rates are deemed inapplicable.

(H) In the event rates approved by the Board, in the judgment of the company, become no longer applicable, the company shall in like manner file revised rates which in its judgment should be established. Where plant is acquired for which no rates have been approved, the company shall upon such acquisition, compile and submit to the Board appropriate estimates developed in accordance with the provisions of sub-paragraph (F) of these instructions.

(I) When the company wishes to change from depreciation accounting to amortization accounting in view of probable abandonment of plant, the approval of the Board is required. (See account No. 106, "Accumulated Amortization—Gas Plant".)

## 11. INSURANCE

Insurance costs shall be charged to account No. 723, "Insurance" unless the costs are incurred in connection with construction, employee benefits or charged to clearing accounts. Insurance costs relative to construction of pipe line facilities shall be charged pro rata to the plant accounts. Insurance costs relative to employee benefits shall be charged to account No. 725, "Employee Benefits". Amounts recovered from such insurance shall be credited to the account or accounts charged with the related loss.

Account No. 723, "Insurance" shall also be charged with estimated amounts in lieu of commercial insurance premiums, if the company elects to create and maintain reserves for self-insurance. A schedule of risks covered by self-insurance shall be kept, showing the character of risk and the rates used to compute the estimated charges. Such rates shall be reasonable in the circumstances. Claims paid, damages suffered, repairs made, or loss because of plant retired, when covered by the self-insurance schedule, shall be charged to the insurance reserve. To the extent that the loss is not covered by the insurance reserve, such loss shall be charged to the appropriate expense account.

If the company reinsures self-carried risks with a commercial insurance company, premiums for such policies shall be debited to the insurance reserve and recoveries under the policies shall also be credited thereto.

## 12. FUNDS, RESERVES AND APPROPRIATIONS

When certain assets such as cash and securities have been set aside for a specific purpose, such assets shall be included in account No. 122, "Sinking Funds", or account No. 123, "Miscellaneous Special Funds", as applicable. The company's contributions to these funds shall be appropriated from retained earnings or charged to expense and shall be credited to account No. 290, "Insurance Reserves", account No. 291, "Welfare and Pension Reserves", or account No. 292, "Injuries and Damages Reserves", as applicable.

Income from assets held in account No. 122, "Sinking Funds", and account No. 123, "Miscellaneous Special Funds", shall be credited to account No. 316, "Income from Sinking and Other Funds". When it is required by the trust deed or other similar agreements that the income be retained in specific funds, cash and/or securities shall be transferred to the fund applicable. Where such income must be added to the fund, the company shall charge account No. 329, "Other Income Deductions", and credit the appropriate reserve account.

Profits and losses from the sale of assets held in account No. 122, "Sinking Funds", and account No. 123, "Miscellaneous Special Funds", shall be accounted for in the same manner as the income from assets held in these accounts and indicated in the preceding paragraphs.

## 13. SECURITIES OWNED

The investment in securities by the company shall be recorded in the respective accounts at cost at the time of acquisition, excluding amounts paid for accrued interest and dividends receivable.

*Temporary cash investments*—When temporary cash investments with a short term fixed maturity date are purchased at a discount or premium, such discount or premium may be amortized over the remaining life of the securities by periodical debits or credits to the account in which the cost of the securities is recorded with corresponding credits or debits to account No. 314, "Income from Investments". If the amount to be amortized is not material, the company may write off the total discount or premium at one time.

Profits and losses on sales, or amounts required to provide allowances for the decrease in market value of temporary cash investments shall be recorded in account No. 314, "Income from Investments", where minor and to account No. 352, "Profit from Sale of Investments" or account No. 356, "Loss from Sale of Investments", where material.

*Other investments*—When securities with a fixed maturity date, other than temporary cash investments are purchased at a discount or premium, such discount or premium may be amortized over the remaining life of the securities by periodical debits or credits to the account in which the cost of the securities is recorded with corresponding credits or debits to account No. 314, "Income from Investments". If the amount to be amortized is not material, the company may write off the total discount or premium at one time.

No amortization entries shall be recorded in respect of discount on securities held as investments unless there is reason to believe the securities will be disposed of at a sum equal to par, or par will be collected at maturity.

With respect to the company's investment in securities, the company shall be governed by recognized accounting principles in writing down their ledger value to reflect anticipated loss in value, and may write them off entirely if there is no reasonable prospect of realizing any amount therefrom. Fluctuations in market value should not be recorded. However, major decreases in market value should be provided for when they become apparent.

A company may provide for decrease in the value of securities owned and recorded in account No. 132, "Temporary Cash Investments", account No. 120, "Investments in Affiliated Companies", or account No. 121, "Other Long Term Investments". (See account No. 126, "Allowance for Loss in Value of Investments" and account No. 132, "Temporary Cash Investments".)

The amount of the adjustment to the investment in a controlled company (as defined under General Instructions, Section 18) shall be charged to account No. 315, "Income from Investments in Affiliated Companies" or if the amount of the adjustment is unusually large, the adjustment shall be charged to account No. 359, "Other Charges".

When losses have previously been provided for in the manner prescribed in the previous paragraph and such losses are subsequently reduced by profitable years, the company shall adjust the charges of previous years by taking into income the corresponding credits in respect of the profits earned. Such profit shall be credited to account No. 315, "Income from Investments in Affiliated Companies" or account No. 354, "Other Credits", as may be appropriate.

#### 14. SECURITIES ISSUED

For purposes of this classification of accounts, premium is the excess value of the consideration received from the issue or resale of securities over the par or stated value of the company long term debt or similar obligations; discount is the excess of the par or stated value over the value of the consideration; expenses comprise amounts paid to underwriters, brokers, salesmen and agents for marketing securities. Interest or dividends accrued are not to be included as part of either premium or discount. Separate ledger accounts shall be maintained for each class or subclass of securities such as stocks, bonds, or notes, with respect to which the issue or resale is at a premium or discount. Except as otherwise provided under "Cost of Interest During Construction" (see Section 6, "Plant Acquired or Constructed"), no discount or expenses in respect of long term debt shall be charged to or included in any account as part of the cost of acquiring plant, tangible or intangible, or as part of the cost of operation. Premiums on capital stock shall be entered in account No. 210, "Contributed Surplus".

Discounts and premiums on long term debt, fees and expenses paid to underwriters and brokers for marketing, and other expenses of an issue, shall be netted in account No. 170, "Unamortized Debt Discount and Expense", or account No. 270, "Unamortized Debt Premium", as applicable. Separate sub-accounts shall be maintained for discount, premium and expense applicable to each issue. The cost of issuing other long term debt shall be charged to account No. 170, "Unamortized Debt Discount and Expense", or to account No. 359, "Other Charges". If such amount is not material in relation to net income, then such amount may be charged to account No. 329, "Other Income Deductions".

The unamortized debt discount, premium and expense shall be amortized on an equitable basis over the life of the issue by monthly charges to account No. 321, "Amortization of Debt Discount, Premium and Expense".

When part of an issue is redeemed, other than being refunded, the portion of unamortized debt discount, premium and expense applicable to the debt redeemed shall be removed from the asset account No. 170, "Unamortized Debt Discount and Expense", or account No. 270, "Unamortized Debt Premiums", by a charge or credit to account No. 321, "Amortization of Debt Discount, Premium and Expense". If the amount is so large that its inclusion would unduly distort the income results for the period, it shall be charged or credited to retained earnings accounts.

Where any long term debt is refunded by the company before the original maturity date of the issue, the unamortized debt discount, premium and expense applicable to the debt refunded shall be charged or credited to income accounts either in the year of refunding, or over a period not exceeding the remainder of the original life of the issue retired. If the amount is so large that its inclusion would unduly distort the income results for the period, it shall be charged or credited to retained earnings accounts.

## 15. CURRENT ASSETS AND LIABILITIES

The accounts for current assets and current liabilities are comprised of amounts available for payment of current liabilities and amounts chargeable against current resources. Although not available for payment of current liabilities, material and supplies are also to be included as current assets. Obsolete repair parts and supplies for which there is no foreseeable use are not current assets, unless carried at their scrap value.

Current assets shall include only amounts the collection of which is reasonably anticipated within one year in the normal course of business, and such other assets as may properly be classified as current assets in accordance with generally accepted accounting practice. Items of current character but of doubtful value, previously credited to revenue, expense, or income accounts, shall be written down or written off by debit to the account or accounts previously credited except that uncollectible accounts receivable shall be charged to account No. 145, "Allowance for Doubtful Accounts", or account No. 728, "Other Administrative and General Expense", as applicable.

## 16. ACCRUED ASSETS AND LIABILITIES

If the effect of any transaction upon income of the period in which it occurs cannot be determined before the accounts are closed, the estimated asset or liability resulting therefrom shall be credited or charged to the appropriate balance sheet, revenue, expense, or income account according to the nature of the transaction. Companies shall indicate to the Board any material change in the practice of accounting for year-end accruals. Companies are not required to anticipate items which would not appreciably affect the accounts.

When an accrued asset or liability is finally determined, the estimate shall be adjusted through the respective accounts originally credited or debited. At any time, if a substantial error is found in an initial estimate of this sort, it shall be adjusted currently through the same accounts.

Adjustments arising during the current year which are applicable to prior years, shall be included in the same account which would have been charged or credited if the item had been taken up or adjusted in the year to which it pertained. When the amount of the adjustment is so material that its inclusion in the appropriate account for the current year would seriously distort the income for the current year, the amount of the delayed item may be credited to account No. 354, "Other Credits", or charged to account No. 359, "Other Charges", as may be appropriate.

## 17. CONTINGENT ASSETS AND LIABILITIES

Contingent assets and liabilities shall not be included in the body of the balance sheet statement, but, if significant, shall be shown in detail in a supplementary statement. Contingent assets are those the value of which is dependent upon the fulfillment of conditions regarded as uncertain. Contingent liabilities are those which may under certain conditions become obligations of the company, but are neither direct nor assumed obligations on the date of the balance sheet.

## 18. AFFILIATED COMPANIES

The term "affiliated companies" used in this classification of accounts includes subsidiary companies and holding companies.

(1) For the purposes of this classification a company shall be deemed to be a subsidiary of another company if,

(a) it is controlled by,

(i) that other company, or

(ii) that other company and one or more companies each of which is controlled by that other company, or

(iii) two or more companies each of which is controlled by that other company; or

(b) it is a subsidiary of a company which is that other company's subsidiary.

(2) For the purposes of this classification, one company shall be deemed to be affiliated to another company if one of them is the subsidiary of the other or both are subsidiaries of the same company or each of them is controlled by the same person.

(3) For the purposes of this classification, a company shall be deemed to be another's holding company if that other is its subsidiary.

(4) For the purposes of this classification, a company shall be deemed to be controlled by another company or person or by two or more companies, if shares of the first-mentioned company carrying more than 50 per cent of the voting rights are held, otherwise than by way of security only, by or for the benefit of such other company or person or by or for the benefit of such other companies.

## PART II

## ONTARIO ENERGY BOARD

## UNIFORM SYSTEM OF ACCOUNTS FOR CLASS "A" GAS UTILITIES

## ACCOUNT STRUCTURE

General Accounts	100 — 199	Assets
	200 — 299	Capital, Surplus and Liabilities
	300 — 349	Income
	350 — 399	Retained Earnings
Detail Accounts	400 — 499	Gas Plant
	500 — 599	Operating Revenue
	600 — 799	Operating Expense
	800 — 899	Maintenance Expense
	900 — 999	Clearing

## GENERAL ACCOUNTS—ASSETS

## Account No.

## PLANT

100	Gas Plant in Service
101	Gas Plant Leased to Others
102	Gas Plant Held for Future Use
103	Retirement Work in Progress
104	Gas Plant Acquisition Adjustments
105	Accumulated Depreciation—Gas Plant
106	Accumulated Amortization—Gas Plant
107	Other Gas Plant Adjustments
108	Accumulated Amortization—Acquisition Adjustments
110	Other Plant
111	Accumulated Depreciation—Other Plant
112	Accumulated Amortization—Other Plant
115	Gas Plant Under Construction
116	Other Plant Under Construction

## LONG TERM INVESTMENTS

120	Investments in Affiliated Companies
121	Other Long Term Investments
122	Sinking Funds
123	Miscellaneous Special Funds
124	Company Long Term Debt Owned
125	Second Mortgages Receivable
126	Allowance for Loss in Value of Investments

## CURRENT AND ACCRUED ASSETS

130	Cash
131	Special Deposits
132	Temporary Cash Investments
140	Accounts Receivable—Trade
141	Accounts Receivable—Other
142	Accounts Receivable—Affiliated Companies
145	Allowance for Doubtful Accounts
147	Interest and Dividends Receivable
150	Material and Supplies—Gas
151	Material and Supplies—Other
152	Gas Stored Underground—Available for Sale
153	Transmission Line Pack Gas
160	Prepayments
162	Other Current and Accrued Assets

## DEFERRED CHARGES

170	Unamortized Debt Discount and Expense
171	Extraordinary Plant Losses
172	Preliminary Survey and Investigation Charges
173	Other Work in Progress
175	Unamortized Conversion Expense
176	Public Improvements
177	Capital Stock Expense
178	Organization Expense
179	Other Deferred Charges

## GENERAL ACCOUNTS—CAPITAL, SURPLUS &amp; LIABILITIES

## CAPITAL STOCK AND SURPLUS

200	Preferred Stock
205	Common Stock
210	Contributed Surplus
212	Retained Earnings
215	Appropriations of Retained Earnings
216	Excess of Redetermined Value of Plant over Depreciated Cost

## LONG TERM DEBT

220	Long Term Debt
248	Advances from Affiliated Companies
249	Other Long Term Debt

## CURRENT AND ACCRUED LIABILITIES

250	Loans and Notes Payable
251	Accounts Payable and Accrued
252	Accounts Payable—Affiliated Companies
253	Dividends Payable
254	Customers' Security Deposits
255	Customers' Advances for Construction
256	Taxes Accrued
257	Interest Payable and Accrued
258	Long Term Debt Due Within One Year
259	Other Current and Accrued Liabilities

## DEFERRED CREDITS

270	Unamortized Debt Premium
271	Unearned Finance Charges on Customers' Accounts Receivable (Credit)
275	Gas Cost and Maintenance Equalization
276	Accumulated Income Tax Reductions Applicable to Future Years
279	Other Deferred Credits

## RESERVES

290	Insurance Reserves
291	Welfare and Pension Reserves
292	Injuries and Damages Reserves
293	Other Reserves

## CONTRIBUTIONS AND GRANTS

299	Contributions and Grants
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## GENERAL ACCOUNTS—INCOME

300	Operating Revenue
301	Operating Expense
302	Maintenance Expense
303	Depreciation
304	Amortization
305	Municipal and Other Taxes
306	Income Taxes
307	Revenue from Gas Plant Leased to Others
308	Rent for Gas Plant Leased from Others
310	Revenue from Other Plant
311	Expense of Other Plant
312	Non-Operating Revenue

313	Non-Operating Expense
314	Income from Investments
315	Income from Investments in Affiliated Companies
316	Income from Sinking and Other Funds
317	Gain on Foreign Exchange
319	Other Income
320	Interest on Long Term Debt
321	Amortization of Debt Discount, Premium and Expense
322	Interest on Amounts Due Affiliated Companies
323	Other Interest Expense
324	Interest During Construction (Credit)
325	Loss on Foreign Exchange
329	Other Income Deductions
330	Appropriations of Net Income

## GENERAL ACCOUNTS—RETAINED EARNINGS

## CREDITS

350	Balance Transferred from Income
351	Profit from Sale of Plant
352	Profit from Sale of Investments
353	Contributions on Account of Operations
354	Other Credits

## DEBITS

355	Loss from Sale or Retirement of Plant
356	Loss from Sale of Investments
357	Dividend Appropriations
358	Income Tax Applicable to Retained Earnings Adjustments
359	Other Charges

## DETAIL ACCOUNTS—PLANT

## INTANGIBLE PLANT

401	Franchises and Consents
402	Other Intangible Plant

## NATURAL GAS PRODUCTION PLANT

403	Gas Lands
404	Gas Leaseholds
405	Gas Rights
406	Producing Gas Wells—Well Drilling
407	Producing Gas Wells—Well Equipment
408	Gas Well Structures
409	Other Natural Gas Production Equipment

## NATURAL GAS GATHERING PLANT

410	Land
411	Land Rights
412	Compressor Structures and Improvements
413	Measuring and Regulating Structures and Improvements
414	Other Structures and Improvements
415	Gathering Lines
416	Compressor Equipment
417	Measuring and Regulating Equipment
418	Purification Equipment
419	Other Natural Gas Gathering Equipment

## PRODUCTS EXTRACTION PLANT

420	Land
421	Land Rights
422	Structures and Improvements
423	Extraction Equipment
424	Products Storage Equipment
425	Pipe Lines
426	Compressor Equipment
427	Measuring and Regulating Equipment
428	Purification Equipment
429	Other Products Extraction Equipment

## MANUFACTURED GAS PRODUCTION PLANT

430	Land
431	Land Rights
432	Structures and Improvements
433	Manufacturing Equipment
434	Gas Holders—Manufacturing
436	Compressor Equipment
437	Measuring and Regulating Equipment
438	Purification Equipment
439	Other Manufactured Gas Production Equipment

## LOCAL STORAGE PLANT

440	Land
441	Land Rights
442	Structures and Improvements
443	Gas Holders—Storage
449	Other Local Storage Equipment

## UNDERGROUND STORAGE PLANT

450	Land
451	Land Rights
452	Structures and Improvements
453	Wells
454	Well Equipment
455	Field Lines
456	Compressor Equipment
457	Measuring and Regulating Equipment
458	Base Pressure Gas
459	Other Underground Storage Equipment

## TRANSMISSION PLANT

460	Land
461	Land Rights
462	Compressor Structures and Improvements
463	Measuring and Regulating Structures and Improvements
464	Other Structures and Improvements
465	Mains
466	Compressor Equipment
467	Measuring and Regulating Equipment
468	Communication Structures and Equipment
469	Other Transmission Equipment

## DISTRIBUTION PLANT

470	Land
471	Land Rights
472	Structures and Improvements
473	Services
474	House Regulators and Meter Installations
475	Mains
476	Compressor Equipment
477	Measuring and Regulating Equipment
478	Meters
479	Other Distribution Equipment

## GENERAL PLANT

480	Land
481	Land Rights
482	Structures and Improvements
483	Office Furniture and Equipment
484	Transportation Equipment
485	Heavy Work Equipment
486	Tools and Work Equipment
487	Equipment on Customers' Premises
488	Communication Structures and Equipment
489	Other General Equipment

## UNDISTRIBUTED PLANT

496	Unclassified Plant
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## DETAIL ACCOUNTS—OPERATING REVENUE

## SALES OF GAS

500	Canadian Sales
510	Foreign Sales
520	Residential Sales
521	Commercial Sales
522	Industrial Sales
524	Interdepartmental Sales
529	Other Sales

## OTHER OPERATING REVENUE

550	Sales of Products Extracted from Gas
551	Revenue from Natural Gas Processed by Others
560	Forfeited Discounts—Penalties
561	Revenue from Service Work
570	Transportation and Storage of Gas of Others
575	Rent from Gas Plant
576	Rent from Company Equipment on Customers' Premises
579	Miscellaneous Operating Revenue

## DETAIL ACCOUNTS—OPERATING EXPENSES

## EXPLORATION AND DEVELOPMENT—OPERATION

600	Supervision
602	Delay Rentals
603	Non-productive Well Drilling
604	Abandoned Leases
609	Other Exploration and Development Operation

## NATURAL GAS PRODUCTION AND GATHERING—OPERATION

610	Supervision
611	Royalties
612	Gathering of Gas by Others
614	Gas Wells
615	Pipe Lines
616	Compressor
617	Measuring and Regulating
618	Purification
619	Other Natural Gas Production and Gathering Operation

## PRODUCTS EXTRACTION—OPERATION

620	Supervision
621	Extraction and Refining
622	Gas Processing by Others

## GAS SUPPLY—OPERATION

623	Gas Purchases
626	Exchange Gas
627	Gas Withdrawn from Underground Storage
628	Gas Delivered to Underground Storage (Credit)
629	Gas Used (Credit)

## MANUFACTURED GAS PRODUCTION—OPERATION

630	Supervision
631	Fuel and Fuel Handling
632	Manufacture
633	Manufacture—Liquified Petroleum Gas
634	Gas Holders—Manufacturing
638	Purification
639	Other Manufactured Gas Production Operation

## LOCAL STORAGE—OPERATION

640	Supervision
644	Gas Holders—Storage
649	Other Local Storage Operation

## UNDERGROUND STORAGE—OPERATION

650	Supervision
651	Exploration and Development
653	Wells
654	Gas Losses
655	Field Lines
656	Compressor
657	Measuring and Regulating
658	Purification
659	Other Underground Storage Operation

## TRANSMISSION—OPERATION

660	Supervision
663	Transportation of Gas by Others
664	Communication
665	Pipe Lines
666	Compressor
667	Measuring and Regulating
669	Other Transmission Operation

## DISTRIBUTION—OPERATION

670	Supervision
671	Load Dispatching
673	Removing and Resetting Meters and House Regulators
674	Service on Customers' Premises
675	Mains and Services
676	Compressor
677	Measuring and Regulating
679	Other Distribution Operation

## GENERAL—OPERATION

684	Communication
685	System Operation and Engineering
688	Other General Operations
689	General Operations Transferred (Credit)

## DISTRIBUTION SALES PROMOTION—OPERATION

700	Supervision
701	Advertising
702	Demonstration and Selling Expense
703	Revenue from Merchandising, Jobbing and Contract Work
704	Expense of Merchandising, Jobbing and Contract Work
709	Other Sales Promotion Operation

## DISTRIBUTION CUSTOMER ACCOUNTING—OPERATION

710	Supervision
711	Customers' Contracts and Orders
712	Meter Reading and Bill Delivery
713	Customers' Billing and Accounting
714	Credit and Collection
718	Uncollectible Accounts
719	Other Customer Accounting Operation

## ADMINISTRATIVE AND GENERAL—OPERATION

721	Administrative Expense
722	Special Services
723	Insurance
724	Injuries and Damages
725	Employee Benefits
728	Other Administrative and General Expenses
729	Administrative and General Expenses Transferred (Credit)

## DETAIL ACCOUNTS—MAINTENANCE EXPENSES

## NATURAL GAS PRODUCTION AND GATHERING—MAINTENANCE

810	Supervision
814	Gas Wells
815	Pipe Lines
816	Compressor
817	Measuring and Regulating
818	Purification
819	Other Natural Gas Production and Gathering Maintenance

## PRODUCTS EXTRACTION—MAINTENANCE

820	Supervision
821	Extraction and Refining

## MANUFACTURED GAS PRODUCTION—MAINTENANCE

830	Supervision
832	Structures and Improvements
834	Gas Holders—Manufacturing
838	Purification
839	Other Manufactured Gas Production Maintenance

## LOCAL STORAGE—MAINTENANCE

840	Supervision
842	Structures and Improvements
844	Gas Holders—Storage
849	Other Local Storage Maintenance

## UNDERGROUND STORAGE—MAINTENANCE

850	Supervision
853	Wells
855	Field Lines
856	Compressor
857	Measuring and Regulating
858	Purification
859	Other Underground Storage Maintenance

## TRANSMISSION—MAINTENANCE

860	Supervision
864	Communication
865	Pipe Lines
866	Compressor
867	Measuring and Regulating
869	Other Transmission Maintenance

## DISTRIBUTION—MAINTENANCE

870	Supervision
872	Structures and Improvements
874	Equipment on Customers' Premises
875	Mains and Services
876	Compressor
877	Measuring and Regulating
878	Meters
879	Other Distribution Maintenance

## GENERAL MAINTENANCE

884	Communication
885	System Maintenance and Engineering
888	Other General Maintenance
889	General Maintenance Transferred (Credit)

## CLEARING ACCOUNTS

900	Warehouse Expense
901	Transportation Equipment Expense
902	Heavy Work Equipment Expense
903	Aircraft Expense
904	Printing and Reproduction Expense

#### 100. GAS PLANT IN SERVICE

This account shall include the cost of plant, property and equipment (including that held under contract for purchase) in service at the date of the balance sheet.

This account shall also include the cost of improvements made to leased facilities, where such improvements are used in gas service and the company is not to be reimbursed by the lessor for such improvements.

When plant (including leased facilities) is retired from service, this account shall be credited with the ledger value of the plant retired and a like amount shall be concurrently charged to account No. 103, "Retirement Work in Progress". (See General Instructions, Section 8.)

The plant included in this account shall be classified according to the detailed accounts for such plant. The cost of improvements to leased facilities shall be maintained in subdivisions separate from those relating to owned plant.

NOTE : Improvements to facilities leased on a short term basis shall be included in account No. 179, "Other Deferred Charges".

#### 101. GAS PLANT LEASED TO OTHERS

This account shall include the cost of gas plant owned by the utility, but leased to others as operating units or systems, where the lessee has exclusive possession.

The plant included in this account shall be classified according to the detailed accounts prescribed for gas plant in service and this account shall be maintained in such detail as though the plant were used by the Company in its operations.

#### 102. GAS PLANT HELD FOR FUTURE USE

This account shall include the cost of plant owned and held for future use in gas service. There shall be included herein plant acquired but never used by the utility in gas service, but held for such service in the future, and plant previously used by the utility in gas service, but retired from such service and held pending its re-use in the future in gas service. This includes land and land rights held to ensure a future supply of natural gas.

The plant included in this account shall be classified according to the detailed accounts prescribed for gas plant in service and the account shall be maintained in such detail as though the plant were in service. Separate sub-accounts shall be maintained hereunder for each department for which plant is held for future use.

NOTE : Include in this account natural gas wells shut in after construction which have not been connected with the line; also, natural gas wells which have been connected with the line but which are shut in for any reason excepting seasonal excess capacity or government proration requirements or for repairs.

#### 103. RETIREMENT WORK IN PROGRESS

This account shall include amounts concurrently credited to account Nos. 100, "Gas Plant in Service", 101, "Gas Plant Leased to Others" and 102, "Gas Plant Held for Future Use" in respect of gas plant retired from service.

It shall also be charged with all costs incurred on removal, demolition and dismantling of gas plant during the course of its retirement. Amounts recovered for salvage and insurance on gas plant retired shall be credited hereto.

When final costs of each retirement are established, the ledger value and the cost of removal less amounts recovered shall be transferred to:

account No. 105, "Accumulated Depreciation—Gas Plant" or  
account No. 106, "Accumulated Amortization—Gas Plant", as applicable.

#### 104. GAS PLANT ACQUISITION ADJUSTMENTS

This account shall include the difference between the cost to the company of gas plant acquired by purchase, merger, amalgamation, consolidation, liquidation or otherwise, and the net amount approved by the Board to be properly includible in plant and accumulated depreciation accounts. (See General Instructions, Section 6.)

This account shall be subdivided to show the amounts applicable to gas plant in service, gas plant leased to others and gas plant held for future use.

The amounts recorded in this account with respect to each acquisition shall be amortized or otherwise disposed of as approved by the Board.

## 105. ACCUMULATED DEPRECIATION—GAS PLANT

This account shall be credited with the following:

- (1) Amounts charged to account No. 303, "Depreciation", or to clearing accounts, for current depreciation expense.
- (2) At the option of the Company, amounts charged to Retained Earnings for past accrued depreciation.
- (3) At the option of the Company, subject to the determination by the Board that the amounts result from the recording of redetermined plant values, amounts for past accrued depreciation charged to account No. 216, "Excess of Redetermined Value of Plant over Depreciated Cost" instead of to Retained Earnings.
- (4) Amounts of depreciation applicable to gas plant acquired as operating units or systems from an affiliated company. (See General Instructions, Section 6.)
- (5) Amounts charged to account No. 171, "Extraordinary Plant Losses". (See Section 8 (A) of these General Instructions.)

At the time of retirement of depreciable gas plant this account shall be charged with the ledger value of the plant and the cost of removal, and shall be credited with amounts recovered for salvage and insurance. (See General Instructions, Section 8, "Retirements".)

This account shall be subdivided as follows:

- (1) Accumulated depreciation—gas plant in service
- (2) Accumulated depreciation—gas plant leased to others
- (3) Accumulated depreciation—gas plant held for future use

For general ledger and balance sheet purposes, this account shall be regarded and treated as a composite reserve. However, for purposes of analysis, the company shall maintain subsidiary records in which the accumulated depreciation is subdivided into component parts corresponding to the gas plant accounts or groups of accounts comprised of plants which perform similar functions, showing in detail the current debits and credits. (See General Instructions, Section 10.)

## 106. ACCUMULATED AMORTIZATION—GAS PLANT

This account shall be credited with amounts concurrently charged to account No. 304, "Amortization", when the utility must extinguish amounts carried in account Nos. 100, "Gas Plant in Service", 101, "Gas Plant Leased to Others", or 102, "Gas Plant Held for Future Use", relating to probable abandonment of all or a significant part of gas plant or severe permanent curtailment in operations. When there is a change from depreciation accounting to amortization accounting, the applicable balance in account No. 105, "Accumulated Depreciation—Gas Plant", shall be transferred to this account.

This account shall be charged at the time of retirement with the ledger value of the gas plant retired and the cost of removal less amounts recovered for salvage and insurance, and the difference between the accumulated amortization and the aforementioned amount in respect of such gas plant retired shall be credited or charged, as the case may be, to account No. 319, "Other Income" or account No. 329, "Other Income Deductions", as applicable. When the retirement results in an extraordinary loss, this amount shall be charged to account No. 355, "Loss from Sale or Retirement of Plant" or all or a portion of the loss may be charged to account No. 171, "Extraordinary Plant Losses". Where the retirement results in an extraordinary profit, this amount shall be credited to account No. 351, "Profit from Sale of Plant".

It is not required that balances in this account shall be broken down into component parts corresponding to the plant accounts but the account shall be subdivided as follows:

- (1) Accumulated amortization—gas plant in service
- (2) Accumulated amortization—gas plant leased to others
- (3) Accumulated amortization—gas plant held for future use

## 107. OTHER GAS PLANT ADJUSTMENTS

(A) This account shall include the difference between the amount approved by the Board to be properly includible in plant and the book value of the gas utility plant at the effective date of the uniform system of accounts, to the extent that such difference is not properly includible in account No. 104, "Gas Plant Acquisition Adjustments".

(B) The amounts included in this account shall be classified in such a manner as to show the nature of each amount included herein, and shall be disposed of as the Board may approve or determine.

NOTE: The provisions of this account shall not be construed as approving or authorizing future recording of appreciation in the value of gas utility plant in the accounts.

(See General Instructions, Section 6, and account No. 216, "Excess of Redetermined Value of Plant over Depreciated Cost".)

## 108. ACCUMULATED AMORTIZATION—GAS PLANT ACQUISITION ADJUSTMENTS

This account shall be credited (or debited) with amounts which are includible in account No. 304, "Amortization", or such other account as the Board may determine, for the purpose of extinguishment of amounts charged or credited in account No. 104, "Gas Plant Acquisition Adjustments", where the amortization of account No. 104 is not being made by an immediate write-off of the account.

## 110. OTHER PLANT

This account shall include the cost of land, structures, equipment or other tangible or intangible plant owned by the utility, but not used in gas service and not properly includible in account Nos. 101, "Gas Plant Leased to Others", 102, "Gas Plant Held for Future Use" or 115, "Gas Plant Under Construction".

This account shall be subdivided so as to show the amount of plant used in operations which are nonutility in character but nevertheless constitute a distinct operating activity of the company and the amount of miscellaneous plant not used in operations. The records in support of each sub-account shall be maintained so as to show an appropriate classification of the plant.

## 111. ACCUMULATED DEPRECIATION—OTHER PLANT

This account shall be credited with amounts of depreciation concurrently charged to account No. 303, "Depreciation" to cover loss in service value of depreciable plant, the cost of which is included in account No. 110, "Other Plant". It shall also be credited with any amounts the company may charge to account No. 359, "Other Charges" in respect of past accumulated depreciation not provided for.

The company may, at the time of retirement of depreciable plant, charge this account with the ledger value of the plant retired and cost of removal, and credit it with the amounts recovered from salvage and insurance. Where the company does not follow this procedure in the retirement of other plant, then at the time of retirement this account shall be charged with the accumulated depreciation of the plant retired and profits or losses on the sale of such plant shall be included in account No. 319, "Other Income", or account No. 329, "Other Income Deductions" as applicable. If the profits or losses are material in relation to net income for the year they shall be included in account No. 351, "Profit from Sale of Plant", or account No. 355, "Loss from Sale or Retirement of Plant", as applicable.

## 112. ACCUMULATED AMORTIZATION—OTHER PLANT

This account shall be credited with amounts concurrently charged to account No. 304, "Amortization", when the utility must extinguish amounts carried in account No. 110, "Other Plant", relating to probable abandonment of all or a significant part of other plant or severe permanent curtailment in operations. When there is a change from depreciation accounting to amortization accounting, the applicable balance in account No. 111, "Accumulated Depreciation—Other Plant", shall be transferred to this account.

The company may, at the time of retirement of amortizable plant charge this account with the ledger value of the plant retired and cost of removal, and credit it with the amounts recovered from salvage and insurance. Where the company does not follow this procedure in the retirement of other plant then at the time of retirement this account shall be charged with the accumulated amortization of the plant retired and profits or losses on the sale of such plant shall be included in account No. 319, "Other Income", or account No. 329, "Other Income Deductions" as applicable. If the profits or losses are material in relation to net income for the year they shall be included in account No. 351, "Profit from Sale of Plant", or account No. 355, "Loss from Sale or Retirement of Plant", as applicable.

## 115. GAS PLANT UNDER CONSTRUCTION

This account shall include the cost of construction of gas plant, not completed or ready for service at the date of balance sheet, including the cost of land acquired for such projects (see notes B, D and F account No. 410, "Land") and of unapplied construction material and supplies located at point of use for the construction of new equipment and/or extensions. It shall also include taxes during construction and other elements of cost of such construction work. When any plant, the cost of construction of which has been included in this account, is completed and ready for service the cost thereof shall be credited to this account and charged to the primary plant accounts appropriate to the character of the plant.

NOTE : It is not required that this account shall include the cost of construction work which is placed in service as the work progresses.

## 116. OTHER PLANT UNDER CONSTRUCTION

This account shall include the cost of construction of plant other than that includible in account No. 115, "Gas Plant under Construction".

## 120. INVESTMENTS IN AFFILIATED COMPANIES

This account shall include the ledger value of the company's investment in securities issued or assumed by affiliated companies; also investment advances made to such affiliated companies. (See General Instructions, Sections 13 and 18.)

This account shall be maintained in such manner as to enable information on the investment in each affiliated company to be submitted under the following headings:

- (a) Stocks
- (b) Bonds and debentures
- (c) Other secured obligations
- (d) Unsecured notes
- (e) Investment advances
- (f) Interest accrued on any of above when such interest is not subject to current settlement.

If any securities classified herein are pledged, a complete record thereof shall be maintained so that the ledger value of securities pledged and unpledged may be shown separately.

NOTE : Accounts with affiliated companies which are subject to current settlement, if their collection is reasonably assured, shall be included in account No. 142, "Accounts Receivable—Affiliated Companies".

## 121. OTHER LONG TERM INVESTMENTS

This account shall include the ledger value of the company's investment in securities issued or assumed by non-affiliated companies, other than securities held in special deposits or special funds; also investment advances made to such non-affiliated companies and individuals. (See General Instructions, Section 13.)

This account shall be maintained in such a manner as to enable information on the investment in each non-affiliated company to be submitted under the following headings:

- (a) Stocks
- (b) Bonds and debentures
- (c) Other secured obligations
- (d) Unsecured notes
- (e) Investment advances
- (f) Interest accrued on any of above when such interest is not subject to current settlement.

If any securities classified herein are pledged, a complete record thereof shall be maintained so that the ledger value of securities pledged and unpledged may be shown separately.

NOTE : Accounts with non-affiliated companies which are subject to current settlement, if their collection is reasonably assured, shall be classed as current assets and included in account No. 141, "Accounts Receivable—Other", but if settlement is deferred beyond one year such items shall be transferred to account No. 179, "Other Deferred Charges".

## 122. SINKING FUNDS

This account shall include cash and the ledger value of securities and other assets, held by trustees or by the company, which have been segregated in distinct funds and are for the purpose of providing resources for the redemption of debt or capital stock.

A separate account shall be kept for the sinking fund applicable to each class of debt or capital stock issue.

An appropriate record shall be maintained for securities issued or assumed by the company and held in such funds.

NOTE A : When assets are definitely assigned in advance of expenditure to the payment of interest or other current liabilities payable within one year they shall be transferred to the appropriate current asset account.

NOTE B : Bank deposits subject to current withdrawal for specific purposes only, shall be included in account No. 131, "Special Deposits". Deposits available for general company purposes shall be included in account No. 130, "Cash".

## 123. MISCELLANEOUS SPECIAL FUNDS

This account shall include cash and the ledger value of securities and other assets, held by trustees, or by the company which have been segregated in funds for insurance, employees' pension, savings, relief, hospital, and other purposes not provided for elsewhere. A separate account shall be kept for each fund. (See General Instructions, Section 12.)

NOTE A : Sinking funds are provided for in account No. 122, "Sinking Funds".

NOTE B : This account shall not include funds held by the company solely as trustee and in which it has no beneficial interest.

NOTE C : Bank deposits subject to current withdrawal for specific purposes only shall be included in account No. 131, "Special Deposits". Deposits available for general company purposes shall be included in account No. 130, "Cash".

#### 124. COMPANY LONG TERM DEBT OWNED

This account shall include the ledger value of long term debt issued or assumed by the company, acquired by it and not yet cancelled, other than such long term debt held in sinking or miscellaneous special funds.

This account shall show:

- (a) Total par value unpledged
- (b) Total par value pledged

NOTE : The amount of long term debt owned shall, for purposes of balance sheet presentation, be deducted from the amount of outstanding long term debt included in account No. 258, "Long Term Debt Due Within One Year" or the applicable account within the Long Term Debt section.

#### 125. SECOND MORTGAGES RECEIVABLE

This account shall include the ledger value of the company's investment in second mortgages advanced to customers through the promotional financing of customers' appliances in new housing.

#### 126. ALLOWANCE FOR LOSS IN VALUE OF INVESTMENTS

This account shall include the total of balances maintained by the company for the purpose of providing for reduction in values of securities carried in account No. 120, "Investments in Affiliated Companies", and account No. 121, "Other Long Term Investments". Corresponding charges applicable to the above accounts shall be made to account No. 356, "Loss from Sale of Investments" when material, and when immaterial to account No. 329, "Other Income Deductions".

#### 130. CASH

This account shall include commercial bank accounts available for general chequing purposes, as distinguished from bank accounts provided for special purposes, such as special deposits. It shall also include the amount of current cash funds including imprest funds in the hands of employees and others.

#### 131. SPECIAL DEPOSITS

This account shall include special deposits with fiscal agents or others for the payment of interest, dividends and other special purposes.

Such special deposits shall include cash deposited with federal, provincial, or municipal authorities as a guaranty for the fulfilment of obligations; cash deposited with trustees to be held until mortgaged property sold, destroyed, or otherwise disposed of is replaced; cash realized from the sale of the accounting utility's securities and deposited with trustees to be held until invested in property of the utility, etc. Entries to this account shall specify the purpose for which the deposit is made.

NOTE : Deposits available for general company purposes shall be included in account No. 130, "Cash". Deposits for more than one year, which are not offset by current liabilities, shall not be charged to this account but to account No. 123, "Miscellaneous Special Funds".

#### 132. TEMPORARY CASH INVESTMENTS

This account shall include the book value of marketable securities and other similar investments acquired for the purpose of temporarily investing cash.

NOTE : The company's investment in securities and other collectible obligations which are not readily realizable shall be included in account No. 121, "Other Long Term Investments".

#### 140. ACCOUNTS RECEIVABLE—TRADE

This account shall include amounts due and considered collectible for gas and services, including merchandising, jobbing and contract work.

NOTE : Accounts receivable from affiliated companies shall be included in account No. 142, "Accounts Receivable—Affiliated Companies".

#### 141. ACCOUNTS RECEIVABLE—OTHER

This account shall include amounts due the company upon open accounts, other than amounts included in account Nos. 140, "Accounts Receivable—Trade" and 142, "Accounts Receivable—Affiliated Companies".

This account shall be maintained so as to show separately amounts due on subscriptions to capital stock, and from officers and employees, excluding imprest funds.

This account shall also include the book value of all collectible obligations in the form of notes receivable or other similar evidences (except interest coupons) of money receivable within a time not exceeding one year from date of issue.

#### 142. ACCOUNTS RECEIVABLE—AFFILIATED COMPANIES

This account shall include all amounts, including trade accounts, interest and other debts, due from affiliated companies, which are subject to settlement within one year from the date of the balance sheet.

This account shall be maintained in such manner as to enable information on receivables from each affiliated company to be available under the following headings:

- (a) Secured obligations
- (b) Unsecured notes
- (c) Advances
- (d) Debit balances in open accounts
- (e) Interest accrued on any of the above when such interest is subject to current settlement

NOTE : Accounts with affiliated companies which are not subject to current settlement shall be included in account No. 120, "Investments in Affiliated Companies".

#### 145. ALLOWANCE FOR DOUBTFUL ACCOUNTS

This account shall be credited with amounts provided for losses on accounts receivable which may become uncollectible, and also with collections on accounts previously charged hereto. Concurrent charges shall be made to account No. 718, "Uncollectible Accounts" for amounts applicable to gas distribution operations, and to the appropriate account based on the nature of the expenditure, for other uncollectible items. Records shall be maintained so as to show the write-offs of accounts receivable for each utility department.

#### 147. INTEREST AND DIVIDENDS RECEIVABLE

This account shall include the amount of interest accrued on bonds, mortgages, notes, commercial paper, loans, open accounts, deposits, etc., the payment of which is reasonably assured, and the amount of dividends declared on stocks owned.

NOTE A : Interest which is not subject to current settlement shall not be included herein but in the account in which is carried the principal on which the interest is accrued.

NOTE B : Interest and dividends receivable from affiliated companies shall be included in account No. 142, "Accounts Receivable—Affiliated Companies", or account No. 120, "Investments in Affiliated Companies", as may be applicable.

#### 150. MATERIAL AND SUPPLIES—GAS

This account shall include the balances representing the book value of all unapplied material for current gas operations and maintenance, such as spare parts, fittings, shop material, articles in process of fabrication, line pipe, appliances and other supplies.

Material and supplies purchased shall be charged to this account at the actual cost of the material and supplies at point of free delivery plus any transportation charges, ad valorem taxes, etc. In determining the cost of material and supplies, suitable allowance shall be made for trade discounts allowed on the purchase thereof.

Reusable material consisting of large individual items recovered from plant in connection with maintenance or replacement or demolition work shall be charged to this account at the ledger value thereof. Reusable materials consisting of relatively small items, the identity of which cannot be ascertained without undue accounting refinement shall be included in this account at current prices new for this equipment.

Scrap and other saleable materials recovered in connection with maintenance work or the replacement or demolition of plant shall be charged to this account on the basis of its fair and reasonable value and credited to the appropriate account. When scrap material is sold at a higher or lower price than that at which it is included in this account, as far as practicable, a suitable adjustment shall be made in the appropriate accounts.

When the excess or deficiency of the proceeds compared with scrap value is material, such amount shall be credited or charged to account No. 105, "Accumulated Depreciation—Gas Plant".

NOTE : Material acquired and held in anticipation of construction shall be included in account No. 115, "Gas Plant under Construction", or account No. 179, "Other Deferred Charges".

#### 151. MATERIAL AND SUPPLIES—OTHER

This account shall include the balances representing the ledger value of all unapplied material for current non-gas operations and maintenance, such as spare parts, fittings, shop material and supplies held primarily for other plant.

#### 152. GAS STORED UNDERGROUND—AVAILABLE FOR SALE

This account shall include the cost of gas purchased or produced and stored in depleted or partially depleted gas or oil fields or other underground reservoirs, and held for use in meeting gas service requirements of customers.

Gas included in this account shall be valued at cost on a consistent basis. Transmission expenses for company facilities used in moving gas to the storage area and expenses of storage facilities shall not be included in the inventory of gas except as may be authorized by the Board.

That portion of the stored gas in excess of the amount properly includible in account No. 458, "Base Pressure Gas" shall be included this account.

Amounts debited to this account for gas placed in storage shall be credited to account No. 628, "Gas Delivered to Underground Storage (Credit)". Amounts credited to this account for gas withdrawn from storage shall be debited to account No. 627, "Gas Withdrawn from Underground Storage".

In the operation of storage projects the company shall maintain such procedures of verification as will disclose and result in prompt accounting recognition of significant losses.

#### 153. TRANSMISSION LINE PACK GAS

This account shall include the cost of gas owned by the company and used to maintain such line pressure as is required for the transmission of gas. Gas owned by the company in non-owned pipe lines which forms part of line pack gas shall also be included in this account.

Gathering or transmission expense for use of company facilities in moving gas to the transmission area shall not be included in this account.

NOTE : Gas owned by the company, other than that used to maintain line pressure shall be included in account No. 152, "Gas Stored Underground—Available for Sale", or account No. 458, "Base Pressure Gas", as applicable.

#### 160. PREPAYMENTS

This account shall include amounts representing prepaid gas and prepayments of rents, taxes, insurance, interest and other similar items which will be charged to appropriate accounts by systematic write-off. This account shall be maintained in such a manner as to disclose the amount of each class of prepayment.

NOTE : Lump sum payments in respect of assessment by governmental authority to cover the cost of constructing public improvements shall be included in account No. 176, "Public Improvements".

#### 162. OTHER CURRENT AND ACCRUED ASSETS

This account shall include the book value of all other current and accrued assets, appropriately designated and supported so as to show the nature of each asset included herein.

#### 170. UNAMORTIZED DEBT DISCOUNT AND EXPENSE

This account shall include the net debit balances arising from the discount or premium, commission and expenses of each issue of long term debt and shall be credited with amount amortized. (See General Instructions, Section 14.)

NOTE : When a prospectus includes issues of both long term debt and capital stock, those items of expense which are distinguishable as to debt or stock shall be so charged. The remaining expenses shall be apportioned by using the ratio that the proceeds of long term debt or capital stock bear to the total proceeds. All expenses applicable to capital stock shall be included in account No. 177, "Capital Stock Expense".

#### 171. EXTRAORDINARY PLANT LOSSES

This account shall be charged with losses on plant abandoned or otherwise retired from service which could not reasonably have been foreseen and provided for, and with extraordinary losses, such as unforeseen damages to plant which could not have been anticipated and which are not covered by insurance and other provisions.

With the Board's consent, amounts charged to this account may be written off to operations by charges to account No. 304, "Amortization"; otherwise amounts charged to this account shall be written off to account No. 355, "Loss from Sale or Retirement of Plant". Application to the Board for consent shall be supported by a detailed explanation of the circumstances leading up to the losses which are to be written off.

The ledger value of the plant retired, less proceeds of salvage and/or insurance recovered shall be charged to the accumulated depreciation or amortization. If all or a portion of the loss is to be included in this account, the accumulated depreciation or amortization shall then be credited and this account charged with the amount properly chargeable hereto. (See General Instructions, Section 8, "Retirements".)

## 172. PRELIMINARY SURVEY AND INVESTIGATION CHARGES

This account shall include all expenditures for preliminary surveys, plans, investigations, etc., made for the purpose of determining the feasibility of projects for gas services. If, as a result of the surveys, plant for gas services is acquired or constructed this account shall be credited and the appropriate gas plant account charged. If the work is abandoned, the charge shall be to account No. 329, "Other Income Deductions", or if the amount is material, to account No. 359, "Other Charges".

The records supporting the entries to this account shall be so kept that the company can furnish complete information as to the nature and purpose of the survey, plans or investigations, and the nature and respective amounts of the charges.

## 173. OTHER WORK IN PROGRESS

This account shall include all costs incurred for other work in progress and not includible in account No. 115, "Gas Plant under Construction" or account No. 116, "Other Plant under Construction".

## 175. UNAMORTIZED CONVERSION EXPENSE

This account shall include expenses incurred while in the process of converting from any other gas system to a natural gas system.

Included herein are all charges for labour and expenses of employees on converting the gas system and customer's appliances and includes all damage claims arising from such conversion.

The amortized portion shall be debited to account No. 304, "Amortization".

## 176. PUBLIC IMPROVEMENTS

This account shall include the deferred portion of assessments by governmental authority (by mutual agreement or otherwise) to cover the cost of constructing public improvements, when the company has elected to make payment by lump sum and not by instalments over a number of years.

Amounts which are no longer deferred shall be charged to account No. 305, "Municipal and Other Taxes".

### EXAMPLES

Cost of land outside the company's right of way to provide for relocation of streets or highways

Curbing streets and highways

Damage to property of others when incidental to highway construction

Drainage system

Engineering—when such costs apply to items chargeable to this account

Flood protection

Grading streets and highways

Guttering streets and highways

Irrigation system

Levees

Paving streets and highways

Sewer system

Sidewalk

Street lighting system

Water works

NOTE A : Where the company pays the assessment by instalments over a number of years, such payments shall be charged to account No. 305, "Municipal and Other Taxes" in the year in which they are made.

NOTE B : The cost to the company of maintaining public improvements shall be included in expenses.

## 177. CAPITAL STOCK EXPENSE

This account shall include items such as the cost of preparing and distributing prospectuses, cost of acquiring subscriptions for stock, cash fees and the actual cash value or commission paid to agents for their services and the cost of preparing and issuing certificates of stock and other similar items.

When amortizing amounts included herein, this account shall be credited with amounts concurrently charged to account No. 359, "Other Charges", to account No. 210, "Contributed Surplus", or, if the amount is immaterial, to account No. 329, "Other Income Deductions".

NOTE : When a prospectus covers issues of both capital stock and long term debt, those items of expense which are distinguishable as to capital stock or debt shall be so charged. The remaining expenses shall be apportioned by using the ratio that the proceeds of capital stock or long term debt bear to the total proceeds. All expenses applicable to long term debt shall be included in account No. 170, "Unamortized Debt Discount and Expense".

## 178. ORGANIZATION EXPENSE

This account shall include all fees paid to governments for the privilege of incorporation, other expenditures incident to organizing the corporation and putting it in readiness to do business and the related special counsel fees.

When amortizing amounts included herein, this account shall be credited with amounts concurrently charged to account No. 359, "Other Charges" or, if the amount is immaterial, to account No. 329, "Other Income Deductions".

NOTE A : All expenses incurred in the issue of capital stock shall be included in account No. 177, "Capital Stock Expense".

NOTE B : All discount and expenses incurred in the issue of long term debt shall be included in account No. 170, "Unamortized Debt Discount and Expense".

NOTE C : Amounts paid to federal, provincial or other governmental authorities for operating franchises, consents, or certificates running in perpetuity or for a special term of more than one year, and their related expenses, shall be included in account No. 401, "Franchises and Consents".

#### 179. OTHER DEFERRED CHARGES

This account shall include the unamortized portion of unusual or extraordinary expenses not provided for elsewhere, and the amount of debit balances in suspense accounts that cannot be cleared and disposed of until additional information is received. This includes debit balances in clearing accounts not distributed at the end of the accounting period, deferred debit items not otherwise provided for and similar items the proper disposition of which is uncertain at the balance sheet date.

#### 200. PREFERRED STOCK

This account shall include the total par value of stock designated as preferred stock and which has been issued to *bona fide* purchasers and has not been reacquired and cancelled.

Appropriations of retained earnings which have been transferred to par value stock shall also be included in this account. The amount of the consideration received from the sale of par value stock in excess of the amount credited to this account shall be included in account No. 210, "Contributed Surplus". (See General Instructions, Section 14.)

When preferred stock is reduced or cancelled, this account shall be charged with the amount at which such stock is carried in the account.

The amounts included in this account shall be recorded so as to show the par value of shares of par value stock and amount paid in for shares of no par stock issued and outstanding.

When a subscriber has paid his subscription in full and is entitled to receive certificates representing the shares for which he has subscribed, the par value of the preferred stock shall be included herein.

This account shall be subdivided according to differences in dividend rights, voting rights, or conditions under which the securities may be retired.

NOTE A : When preferred stock having par value is exchanged for common stock without par value, any balance in account No. 210, "Contributed Surplus" with respect thereto shall be transferred to account No. 205, "Common Stock".

NOTE B : An appropriate record shall be maintained showing the number of shares issued and outstanding.

#### 205. COMMON STOCK

This account shall include the total par value of par value stock, and the total amount paid in for stock without par value less amounts allocated to account No. 210, "Contributed Surplus" in compliance with the *Companies Act* (Canada), Section 12 (10), or the section of any Provincial Act, for all shares of common stock or other form of proprietary interest in the company which have been issued to *bona fide* purchasers and have not been reacquired and cancelled.

Appropriations of retained earnings which have been transferred to par value or no par value stock account shall also be included in this account. The amount of consideration received from the sale of par value stock in excess of the amount credited to this account shall be included in account No. 210, "Contributed Surplus". (See General Instructions, Section 14.)

When common stock is reduced or cancelled, this account shall be charged with the amount at which such stock is carried in this account. In the case of no par stock, the amount to be charged to this account shall be the proportion applicable to the redeemed shares immediately prior to redemption of the total book liability included herein of the outstanding shares of the particular class and series of stock of which the redeemed shares are a part.

The amounts included in this account shall be recorded so as to show the par value of shares of par value stock and amount paid in for shares of no par stock issued and outstanding.

When a subscriber has paid his subscription in full and is entitled to receive certificates representing the shares for which he has subscribed, the par value of stock having par value or the agreed purchase price for stock without par value shall be included herein.

This account shall be subdivided according to differences in dividend rights, voting rights, or conditions under which the securities may be retired.

NOTE A : When common stock having par value is exchanged for common stock without par value, any balance in account No. 210, "Contributed Surplus" with respect thereto shall be transferred to this account.

NOTE B : An appropriate record shall be maintained showing the number of shares issued and outstanding.

## 210. CONTRIBUTED SURPLUS

This account shall include surplus arising from transactions relating to the company's share capital.

### EXAMPLES

Premium received on the issue of par value shares

Proceeds of sale of donated shares

Credits resulting from redemption or conversion of shares at less than the amount recorded as share capital

Other contributions made by shareholders as such in excess of par or stated value of shares

Portion of proceeds of issue of no par value shares that have been allocated to surplus in compliance with the *Companies Act* (Canada), Section 12 (10), or the section of any Provincial Act where applicable.

## 212. RETAINED EARNINGS

This account shall include the balance, debit or credit, of the amounts transferred from account Nos. 350-359 inclusive at the close of each fiscal year.

## 215. APPROPRIATIONS OF RETAINED EARNINGS

This account shall include the amount of retained earnings which has been appropriated or set aside for specific purposes other than appropriations carried in the reserve section.

Separate sub-accounts shall be maintained under such titles as will designate the purpose for which each appropriation was made.

## 216. EXCESS OF REDETERMINED VALUE OF PLANT OVER DEPRECIATED COST

This account shall include the credit arising from a redetermination of the value of the plant that was not made for the purpose of determining or estimating actual costs.

This account shall be charged with the amount credited to account No. 105, "Accumulated Depreciation—Gas Plant" to the extent that the Board has found a deficiency in the accumulated depreciation resulting from the recording of redetermined values.

The balance of this account not so transferred may remain indefinitely as a separate item in the shareholders' equity section of the balance sheet or it may be transferred to retained earnings in amounts not exceeding the realization of appreciation through sale or annual depreciation provisions.

## 220. LONG TERM DEBT

There shall be included in this account the total par value of unmatured debt, maturing more than one year from date of balance sheet, issued and not retired or cancelled, and the total par value of similar unmatured debt of other companies, the payment of which has been assumed by the company.

The amounts included herein shall be further divided so as to show the amount of each class of long term debt, as follows:

- (a) Mortgage Bonds—Bonds secured by lien on physical property and not includible in the other subdivisions of this account.
- (b) Collateral Trust Bonds—Bonds and notes secured by a lien on securities or other negotiable paper; and stock trust certificates that are similar in character to collateral trust bonds.
- (c) Income Bonds—Bonds which are a lien on the company revenue alone, or bonds which, while being a lien on its property and franchises, can claim payments of interest only if interest is earned.
- (d) Receipts Outstanding for Long Term Debt—Receipts for payments on account of long term debt. When certificates are issued for amounts so paid, the par value shall be included in the account covering the class of long term debt for which the certificates are issued.
- (e) Convertible Bonds—Bonds which may be converted into capital stock of the company, according to the agreement under which they are issued.
- (f) Debentures—Obligations secured under trust deed but not secured by a lien on physical property.
- (g) Long Term Notes Payable—Notes payable maturing more than one year from date of balance sheet.

Each of the above classes shall also be divided into sub-classes according to differences in mortgage or other lien or security therefor, rate of interest, interest dates, or date of maturity. Parts of any issue agreeing in other characteristics but maturing serially may be treated as of the same sub-class.

Where any such long term debt, pledged or unpledged, is held or controlled by the company, its agents or trustees, the par value thereof shall be separately identified in the accounts.

NOTE A : Securities maturing one year or less from date of balance sheet shall be included in account No. 250, "Loans and Notes Payable", or account No. 258, "Long Term Debt Due within One Year", as applicable, except that where an issue of securities maturing serially over a period of years contains short term obligations, such obligations may be included as long term debt. Matured long term debt shall be included in account No. 258, "Long Term Debt Due within One Year", if provision has been made for current settlement.

NOTE B : Long term debt due to affiliated companies shall be included in account No. 248, "Advances from Affiliated Companies".

NOTE C : The total of the amounts included in this account which are payable within one year from the date of the balance sheet shall be shown separately in the balance sheet.

NOTE D : Long term debt securities are considered to be issued when they have been sold to a *bona fide* purchaser for valuable consideration, and such purchaser holds them free from all control by the company. All long term debt securities issued and not reacquired held by or for the company are considered to be outstanding.

NOTE E : The amount of long term debt owned shall, for purposes of balance sheet presentation, be deducted from the amount of outstanding long term debt included in this account.

#### 248. ADVANCES FROM AFFILIATED COMPANIES

This account shall include:

- (a) The par value of bonds, debentures and long term notes payable issued to affiliated companies.
- (b) The par value of non-negotiable notes issued to affiliated companies.
- (c) The par value of matured long term debt of the company held by affiliated companies where there is no agreement for an extension as to time of payment but collection of the principal is not enforced.
- (d) Credit balances in open accounts with such companies other than credit balances in current accounts.
- (e) Interest accrued on any of the above when such interest is not subject to current settlement.

Separate sub-accounts shall be kept for each of the above items. (See General Instructions, Section 18.)

NOTE A : Accounts with affiliated companies which are subject to current settlement shall be classed as current assets or current liabilities and included in account No. 142, "Accounts Receivable—Affiliated Companies", or account No. 252, "Accounts Payable—Affiliated Companies", as applicable.

NOTE B : No item shall be included in this account which is not known to be the property of an affiliated company.

#### 249. OTHER LONG TERM DEBT

This account shall include amounts payable more than one year from the date of the balance sheet and which have not been provided for elsewhere, including real estate mortgages executed or assumed and other unsecured instruments of indebtedness.

#### 250. LOANS AND NOTES PAYABLE

This account shall include the balances representing obligations outstanding in the form of loans and notes payable or other similar evidences of indebtedness payable on demand or within a time not exceeding one year from date of balance sheet.

This account shall be kept in such form so as to show separately the amounts of indebtedness secured by collateral.

NOTE A : Obligations payable at a time exceeding one year from date of balance sheet shall be included in account No. 220, "Long Term Debt", account No. 248, "Advances from Affiliated Companies", or account No. 249, "Other Long Term Debt", as applicable.

NOTE B : Loans and notes payable to affiliated companies shall be included in account No. 252, "Accounts Payable—Affiliated Companies".

**251. ACCOUNTS PAYABLE AND ACCRUED**

This account shall include all amounts payable by the company within one year, such as the amounts of vouchers and payrolls or accounts unpaid at the date of the balance sheet.

This account shall also include estimates of unbilled items payable by the company at the date of the balance sheet.

**252. ACCOUNTS PAYABLE—AFFILIATED COMPANIES**

This account shall include amounts owing to affiliated companies on notes, drafts, acceptances, or other similar evidences of indebtedness, and open accounts payable on demand or maturing not more than one year from the date of the balance sheet.

Interest accrued on such amounts shall be included herein if subject to current settlement.

NOTE : Accounts with affiliated companies which are not subject to current settlement shall be included in account No. 248, "Advances from Affiliated Companies".

**253. DIVIDENDS PAYABLE**

This account shall include the amount of dividends declared on capital stock and unpaid at the date of the balance sheet.

NOTE : This account shall not include the amount of dividends paid over to the company's transfer agent or dividend disbursing agent and remaining in hands of the agent as unpaid or unclaimed.

**254. CUSTOMERS' SECURITY DEPOSITS**

This account shall include all amounts deposited with the company by customers as security for the payment of debts.

**255. CUSTOMERS' ADVANCES FOR CONSTRUCTION**

This account shall include advances by customers for construction which are to be refunded either wholly or in part. When a customer is refunded the entire amount to which he is entitled according to the agreement or rule under which the advance was made, the balance, if any, remaining in this account shall be credited to account No. 299, "Contributions and Grants", if this account is used, or to the primary plant accounts as permitted under General Instructions, Section 6.

**256. TAXES ACCRUED**

This account shall be credited with the accruals of all taxes which are payable to federal, provincial or other governmental authorities. Such accruals may be based upon estimates, provided such estimates shall be adjusted so as to reflect in this account at all times the company's estimate of its unpaid liability for each of the several classes of tax which have not been finally settled.

All tax payments for which accruals have been made shall be charged to this account.

The records supporting the entries in this account shall be kept to show separately by classes of taxes the amount of the tax accruals for the current year and adjustments of accruals for prior years.

NOTE : Where the company follows the method of recording in its accounts income tax reductions applicable to future years, such amounts shall be included in account No. 276, "Accumulated Income Tax Reductions Applicable to Future Years". If this account is not carried, then a footnote in the balance sheet shall show all details.

**257. INTEREST PAYABLE AND ACCRUED**

This account shall include the amount of interest payable or accrued on all liabilities of the utility not including, however, interest which is added to the principal of the debt on which incurred. Interest on long term debt shall be charged to account No. 320, "Interest on Long Term Debt", and all other interest expense shall be charged to account No. 323, "Other Interest Expense". Supporting records shall be maintained so as to show the amount of interest on each obligation.

NOTE : Interest payable to affiliated companies shall be included in account No. 252, "Accounts Payable—Affiliated Companies", or account No. 248, "Advances from Affiliated Companies", as applicable.

**258. LONG TERM DEBT DUE WITHIN ONE YEAR**

This account shall include the principal amount and premium of unrepresented bonds drawn for redemption through the operation of sinking and redemption fund agreements, also the principal amount of unrepresented long term debt obligations which have matured and for which provision has been made for current settlement.

This account may also include, at the option of the company, the principal amount of long term debt obligations maturing within one year.

NOTE A : This account shall not include the amount of unrepresented bonds or interest coupons paid over to the bondholder's trustee or agent and remaining in the hands of the trustee or agent as unpaid or unclaimed.

NOTE B : The amount of long term debt owned by the company shall, for purposes of balance sheet presentation, be deducted from the amount of outstanding long term debt maturing within one year and included in this account. If long term debt owned by the company is not required for current redemption, it shall be shown as a reduction of account No. 220, "Long Term Debt".

NOTE C : Obligations payable at a time exceeding one year from date of balance sheet shall be included in account No. 220, "Long Term Debt", account No. 248, "Advances from Affiliated Companies", or account No. 249, "Other Long Term Debt", as applicable.

#### 259. OTHER CURRENT AND ACCRUED LIABILITIES

This account shall include the amount of all other current and accrued liabilities not provided for elsewhere.

#### 270. UNAMORTIZED DEBT PREMIUM

This account shall include the net credit balances arising from the premium, commission, and expense of each issue of long term debt. (See General Instructions, Section 14.)

#### 271. UNEARNED FINANCE CHARGES ON CUSTOMERS' ACCOUNTS RECEIVABLE (CREDIT)

This account shall include the unearned portion of finance charges on contracts, arising from merchandise sales by the company and representative dealers financed by the company.

#### 275. GAS COST AND MAINTENANCE EQUALIZATION

This account shall include the undistributed charge or credit as a result of the company following the method of equalizing its gas cost through the year because of seasonal variations in unit gas prices. It shall also include ledger balances representing reserves created by charges to operations for maintenance expenses in accordance with Section 9 of the General Instructions. The debit or credit balances in this account shall be closed at the end of each fiscal year.

#### 276. ACCUMULATED INCOME TAX REDUCTIONS APPLICABLE TO FUTURE YEARS

Where a company's expenses have been reviewed by the Board at a public hearing on its rates and the Board in its decision has recognized deferred income taxes as a cost, this account shall include the amounts by which income taxes otherwise payable have been reduced by claiming for tax purposes capital cost allowances in excess of depreciation recorded in the accounts. The difference is applicable to those future periods in which the amounts claimed for tax purposes are less than depreciation recorded in the accounts.

Where a company's expenses have been so reviewed and the Board has not recognized deferred income taxes as a cost, this account is not required to be kept, provided that the amount of such tax reductions, both current and cumulative, is shown as a footnote in the financial statements.

Upon the application of any gas company, the Board may reconsider its decision to recognize deferred income taxes as a cost. In the event that, as a result of such review, the Board recognizes only taxes currently payable, the requirement for annual entries in the account shall then cease, and the company may reflect payable, the requirement for annual entries in the account shall then cease, and the company may reflect subsequent reductions by note only as provided in the preceding paragraph. Further, in such case, if the company has not recorded prior reductions in this or a similar account the Board may, if satisfied that the interests of investors or consumers are not prejudiced, relieve the company from the obligation of entering such prior reductions in this account.

Except as herein provided, no change in accounting treatment for income taxes shall be made without the approval of the Board.

#### 279. OTHER DEFERRED CREDITS

This account shall include advance billings, working fund advances from other companies, employee deposits and other deferred credit items not includible elsewhere.

This account shall also include the amount of credit balances in suspense accounts that cannot be cleared and disposed of until additional information is received, such as accident repairs not completed, credit balances in clearing accounts, and deferred credit items not otherwise provided for, the proper disposition of which is uncertain.

#### 290. INSURANCE RESERVES

This account shall include amounts reserved by the utility for self-insurance against losses through accident, fire, flood, or other hazards to its own property or property leased from others. The amounts charged to account No. 723, "Insurance", or other appropriate accounts to cover such risks shall be credited to this account.

Charges shall be made to this account for losses covered by self-insurance. Details of these charges shall be maintained according to the year the casualty occurred which gave rise to the loss. (See General Instructions, Sections 11 and 12.)

## 291. WELFARE AND PENSION RESERVES

This account shall include provisions made by the company and amounts contributed by employees for pensions, accident and death benefits, savings, relief, hospital and other provident purposes, where the funds represented by the reserve are included in the assets of the company either in general or in segregated fund accounts.

Separate sub-accounts shall be kept for each kind of reserve created. The payments disbursed, for which appropriation has been provided, shall be charged to this account, and the balance of such disbursements to account No. 725, "Employee Benefits".

NOTE : If employee pension or benefit plan funds are not included among the assets of the company but are held by outside trustees, payments into such funds, or accruals therefor, shall not be included in this account.

## 292. INJURIES AND DAMAGES RESERVES

This account shall be credited with amounts charged to account No. 724, "Injuries and Damages", or other appropriate accounts, to meet the probable liability, or co-insurance costs, or items not covered by insurance, for deaths or injuries to employees and others, and for damages to property neither owned nor held under lease by the utility.

When liability for any injury or damage is admitted by the utility either voluntarily or because of the decision of a court or other lawful authority, the amount of the admitted liability shall be charged to this account and credited to the appropriate liability account. Details of these charges shall be maintained according to the year the casualty occurred which gave rise to the loss.

NOTE : Recoveries or reimbursements for losses charged to this account shall be credited hereto; the cost of repairs to property of others, if provided for herein, shall also be charged to this account.

## 293. OTHER RESERVES

This account shall include all reserves maintained by the utility which are not provided for elsewhere.

This account shall be maintained in such manner as to show the amount of each separate reserve and the nature and amounts of the debits and credits thereto.

## 299. CONTRIBUTIONS AND GRANTS

This is an optional account. If it is not kept, contributions and grants are to be accounted for in accordance with the General Instructions, Section 6, "Plant Acquired or Constructed".

If this account is kept, it shall include contributions or grants in cash, services or property from governments or government agencies, corporations, individuals and others for contributions in aid of construction and other purposes.

This account shall be maintained so that the company can supply information as to the purpose of each contribution or grant, the conditions, if any, on which it was made, the amount of contributions or grants from governments or government agencies, corporations, individuals and others and the amount applicable to each account.

NOTE : Non-capital contributions shall be credited to account No. 353, "Contributions on Account of Operations".

## TEXT PERTAINING TO INCOME ACCOUNTS

The balance of all primary income accounts shall be closed into retained earnings account No. 350, "Balance Transferred from Income", at the end of each fiscal year.

## INCOME ACCOUNTS

### 300. OPERATING REVENUE

This account shall include the total revenues derived from operations as shown in the accounts provided in the classification of operating revenue accounts. (Nos. 500 to 599.)

### 301. OPERATING EXPENSE

This account shall include the total expenses of operations as shown in the accounts provided in the classification of operating accounts. (Nos. 600 to 799.)

### 302. MAINTENANCE EXPENSE

This account shall include the total expenses of maintenance as shown in the accounts provided in the classification of maintenance accounts. (Nos. 800 to 899.)

### 303. DEPRECIATION

This account shall include the amount of depreciation expense for depreciable plant.

The company's records shall be kept in such a manner that the charges for depreciation are shown separately for each depreciable plant account or group of plant accounts which performs similar functions. (See General Instructions, Section 10, "Depreciation".)

NOTE : Where a company allocates depreciation to a clearing account, such allocated amounts shall be readily identifiable.

### 304. AMORTIZATION

This account shall include the charges approved by the Board arising from the gradual extinguishment of an expenditure over a fixed period, or over the period during which it is anticipated the benefit will be realized.

The company's records shall be kept in such manner that the charges for amortization are shown separately for each account subject to amortization. (See General Instructions, Section 10, "Depreciation".)

#### EXAMPLES

Amortization of:

Natural gas land and land rights  
 Limited-term franchises, licences, patent rights, and limited-term interest in land  
 Expenditures on leased property where the service life of the improvements is terminable by action of the lease  
 Account No. 104, "Gas Plant Acquisition Adjustments"  
 Accounts No. 171, "Extraordinary Plant Losses"  
 Account No. 175, "Unamortized Conversion Expense"  
 Applicable cost of gas plant, due to the probable abandonment of all or part of gas plant, or due to severe permanent curtailment as a result of exhaustion or a significant reduction in particular sources of revenue

**NOTE :** Exclude from this account any charges for depreciation or charges for amortization of debt discount, premium and expense.

### 305. MUNICIPAL AND OTHER TAXES

This account shall include taxes levied by municipalities relating to plant, operations and maintenance, and all other taxes except income taxes.

**NOTE A :** Where the company elects to make a lump sum payment in respect of assessments by municipal authority, the deferred portion of such payments shall be charged to account No. 176, "Public Improvements".

**NOTE B :** Taxes on gas plant under construction or on plant, the facilities of which are not ready for service, shall be charged to the appropriate gas plant accounts.

**NOTE C :** Taxes on other than gas plant in service, operations and privileges shall be charged to account No. 313, "Non-operating Expense".

**NOTE D :** Ad valorem taxes on material shall be included as part of the cost of the material.

### 306. INCOME TAXES

This account shall include provision for federal, provincial or other government income taxes based on the company's operations for the fiscal period.

Subject to the instructions contained in account No. 276, "Accumulated Income Tax Reductions Applicable to Future Years", this account may be subdivided as follows:

(a) Current income taxes

(b) Deferred income taxes

**NOTE :** The estimated amount of income taxes (debit or credit) assignable to items recorded in the retained earnings accounts shall be included in account No. 358, "Income Tax Applicable to Retained Earnings Adjustments".

### 307. REVENUE FROM GAS PLANT LEASED TO OTHERS

This account shall include revenues from gas plant constituting a distinct operating unit or system leased by the company to others, the investment in which is included in account No. 101, "Gas Plant Leased to Others".

**NOTE :** Depreciation, taxes, operating, maintenance costs and all other expenses borne by the lessor will be recorded in the regular accounts maintained by the lessor for such costs.

### 308. RENT FOR GAS PLANT LEASED FROM OTHERS

This account shall include rent for gas plant constituting a distinct operating unit or system leased by the company from others.

### 310. REVENUE FROM OTHER PLANT

This account shall include the total revenues derived from operation of plant, the cost of which is included in account No. 110, "Other Plant".

#### EXAMPLES

Revenue from commercial power plants  
 Revenue from lands and buildings not used in gas operations  
 Revenue from lands and plant acquired and held in anticipation of an indefinite future use  
 Revenue from mineral and timber lands

**311. EXPENSE OF OTHER PLANT**

This account shall include maintenance and other expenses incurred from operation of plant, the cost of which is included in account No. 110, "Other Plant".

**EXAMPLES**

Expense of commercial power plants  
Expense of land and buildings not used in gas operations  
Expense of land and plant acquired in anticipation of an indefinite future use  
Expense of mineral and timber lands

**312. NON-OPERATING REVENUE**

This account shall include revenues from commercial activities carried on within the corporate structure of the company and not includible in either account No. 300, "Operating Revenue", or account No. 703, "Revenue from Merchandising, Jobbing and Contract Work".

**313. NON-OPERATING EXPENSE**

This account shall include expenses from commercial activities carried on within the corporate structure of the company and not includible in either account No. 301, "Operating Expense", or account No. 302, "Maintenance Expense".

**314. INCOME FROM INVESTMENTS**

This account shall include income in government and other marketable securities, where such income is the property of the company. It shall also include interest on notes and other evidences of indebtedness, interest on bank balances, open accounts and other analogous items, including discount on short term notes held by the company.

At the option of the company, there may be included in this account an applicable portion of discount or premium on investments.

This account shall be maintained in such manner as to enable information to be submitted under the following classes of income:

- (a) Dividends
- (b) Interest
- (c) Other income

This account shall also include profits and losses on sales or amounts required to provide allowances for the decrease in market value of temporary cash investments when such amounts are not material. (See General Instructions, Section 13.)

**NOTE A :** Discounts or premiums on securities of the company reacquired shall be charged or credited to account No. 319, "Other Income", or account No. 329, "Other Income Deductions", as applicable.

**NOTE B :** Interest on securities other than those of the company and on other assets held in sinking or other funds shall be included in account No. 316, "Income from Sinking and Other Funds".

**NOTE C :** Profits and losses on sales of temporary cash investments, if material, shall be included in account No. 352, "Profit from Sale of Investments", or account No. 356, "Loss from Sale of Investments", as applicable.

**NOTE D :** Income from investments in affiliated companies shall be included in account No. 315, "Income from Investments in Affiliated Companies".

**315. INCOME FROM INVESTMENT IN AFFILIATED COMPANIES**

This account shall include income from stocks, securities and other types of indebtedness issued or assumed by affiliated companies, the income from which is the property of the company, whether such stocks, securities and other types of indebtedness are owned by the company and held in its treasury or deposited in trust, or otherwise controlled.

This account shall be maintained in such manner as to enable information to be submitted under the following classes of income:

- (a) Dividends
- (b) Interest
- (c) Other income

Entries to provide for losses of affiliated companies and to adjust such provisions for subsequent earnings when such amounts are not material, shall also be debited or credited to this account. Treatment for material amounts in this respect are provided for in account No. 356, "Loss from Sale of Investments".

Income from affiliated companies shall not be credited to this account until such time as it is recorded on the books of the affiliated company. (See General Instructions, Sections 13 and 18.)

NOTE : Income from investment in non-affiliated companies shall be included in account No. 314, "Income from Investments".

### 316. INCOME FROM SINKING AND OTHER FUNDS

This account shall include the income accrued on cash, securities, and other assets (not including securities issued or assumed by the company) held in account No. 122, "Sinking Funds", and account No. 123, "Miscellaneous Special Funds". (See General Instructions, Section 12.)

This account shall also include profits realized and losses sustained in the sale of securities held in account No. 122, "Sinking Funds", and account No. 123, "Miscellaneous Special Funds". (See General Instructions, Section 12.)

At the option of the company there may be included each year in this account the portion, applicable to the fiscal period, of the amount requisite to extinguish, during the interval between the date of acquisition and the date of maturity, the discount or premium on securities in sinking or miscellaneous special funds. Amounts thus credited or charged shall be concurrently charged or credited to the account in which the cost of the securities is carried.

### 317. GAIN ON FOREIGN EXCHANGE

This account shall include the net amount representing realized gains less losses on foreign exchange not otherwise allocated.

### 319. OTHER INCOME

This account shall include all other income items not provided for elsewhere.

### 320. INTEREST ON LONG TERM DEBT

This account shall include the amount of interest expense on all classes of long term debt, the principal of which is included in account No. 220, "Long Term Debt" and account No. 249, "Other Long Term Debt".

NOTE : This account shall not include charges for interest on long term debt obligations issued or assumed by the company and owned by it, whether pledged as collateral or held in its treasury, in special deposits, or other funds.

### 321. AMORTIZATION OF DEBT DISCOUNT, PREMIUM AND EXPENSE

This account shall be charged and credited during each fiscal period with the proportion of the discount, premium and expense on long term debt obligations applicable to that period. This proportion shall be determined according to a rule the uniform application of which, through the interval between the date of sale and the date of maturity, will extinguish the discount, premium and expense on such long term debt. The charge or credit to this account for any period shall be the proportion of the balance remaining unamortized applicable to that period so long as any portion of the discount, premium and expense remains unextinguished. (See General Instructions, Section 14.)

### 322. INTEREST ON AMOUNTS DUE AFFILIATED COMPANIES

This account shall include the amount of interest expense on all classes of debt, the principal of which is included in account No. 248, "Advances from Affiliated Companies", or account No. 252, "Accounts Payable—Affiliated Companies".

### 323. OTHER INTEREST EXPENSE

This account shall include all interest except that chargeable to account No. 320, "Interest on Long Term Debt", or account No. 322, "Interest on Amounts due Affiliated Companies". Discount, premium and expense on short term notes issued by the company maturing one year or less from date of balance sheet shall be included in this account.

#### EXAMPLES

Advances other than those from affiliated companies

Bond coupons, matured and unpaid

Claims and judgments

Long term debt matured, with respect to which a definite agreement to extension has not been made

Open accounts, other than those classable in account No. 248, "Advances from Affiliated Companies", or account No. 252, "Accounts Payable—Affiliated Companies"

Short term notes payable

**324. INTEREST DURING CONSTRUCTION (CREDIT)**

This account shall be concurrently credited with interest amounts charged to plant.

After the prescribing of this system, the interest rate applied shall not exceed one-half of one per cent higher than the average cost of borrowed funds unless a higher rate is approved by the Board.

**325. LOSS ON FOREIGN EXCHANGE**

This account shall include the net amount representing realized losses less gains on foreign exchange not otherwise allocated.

**329. OTHER INCOME DEDUCTIONS**

This account shall include charges not provided for elsewhere, such as overcharge claims, court awards and other income deductions.

**330. APPROPRIATIONS OF NET INCOME**

This account shall include amounts appropriated from income for purposes not provided for elsewhere.

**TEXT PERTAINING TO RETAINED EARNINGS ACCOUNTS**

The balance of all primary retained earnings accounts shall be closed into balance sheet account No. 212, "Retained Earnings" at the end of each fiscal year.

**RETAINED EARNINGS ACCOUNTS****350. BALANCE TRANSFERRED FROM INCOME**

This account shall show the net balance (debit or credit) brought forward from the income accounts for the fiscal year.

**351. PROFIT FROM SALE OF PLANT**

This account shall include the profit realized from the sale of plant or plant under construction when the profit, if credited to accumulated depreciation, would unduly inflate the accumulated depreciation. (See General Instructions, Section 8.)

This account shall be maintained to show separately the profit relating to each transaction recorded herein.

NOTE : Profit on sale of plant, if immaterial, shall be credited to account No. 319, "Other Income".

**352. PROFIT FROM SALE OF INVESTMENTS**

This account shall include the profit realized from the sale of investment in securities carried in account No. 120, "Investments in Affiliated Companies" and account No. 121, "Other Long Term Investments".

Amounts shall be credited to this account only when material in relation to net income for the year and when immaterial they shall be credited to account No. 319, "Other Income".

There shall also be credited to this account material profits on sale of temporary cash investments.

**353. CONTRIBUTIONS ON ACCOUNT OF OPERATIONS**

This account shall include amounts received or receivable from others representing the whole or a part of the net deficit of the company. It shall also include contributions on account of operations which, for management purposes, are entrusted to the company when, under the terms of agreements or contracts, no obligation for subsequent reimbursement is incurred.

**354. OTHER CREDITS**

This account shall include amounts, not provided for elsewhere, transferred from other accounts to retained earnings, and amounts representing increases of resources not properly assignable to the income accounts.

When the amounts are immaterial in relation to net income for the year such amounts may be recorded in the income accounts rather than in this account.

**355. LOSS FROM SALE OR RETIREMENT OF PLANT**

This account shall include the loss incurred from sale, destruction or retirement of plant or plant under construction, when the loss, if charged to accumulated depreciation or amortization, would unduly deplete the accumulated depreciation or amortization. It shall also be charged with amounts credited to account No. 171, "Extraordinary Plant Losses" as previous unprovided losses written off, to the extent that such amounts are not chargeable to account No. 304, "Amortization". (See General Instructions, Section 8.)

This account shall be maintained to show separately the loss relating to each transaction recorded herein.

### 356. LOSS FROM SALE OF INVESTMENTS

This account shall include the loss incurred from sale or write off of investments carried in account No. 120, "Investments in Affiliated Companies" and account No. 121, "Other Long Term Investments".

Amounts shall be charged to this account only when material in relation to net income for the year, and when immaterial they shall be charged to account No. 329, "Other Income Deductions".

### 357. DIVIDEND APPROPRIATIONS

This account shall include amounts declared payable from retained earnings as dividends on outstanding capital stock issued or assumed by the company.

This account shall be subdivided so as to show separately the dividends on the various sub-classes of capital stock.

NOTE A : This account shall not include charges for dividends on capital stock issued or assumed by the company where pledged as collateral or held in its treasury in special deposits or in sinking or other miscellaneous special funds.

NOTE B : Dividends declared out of contributed surplus shall be charged to account No. 210, "Contributed Surplus".

### 358. INCOME TAX APPLICABLE TO RETAINED EARNINGS ADJUSTMENTS

This account shall include the estimated federal, provincial, or other government income taxes (debit or credit) assignable to the aggregate of items of both taxable income and deductions from taxable income which, for accounting purposes, are classified as unusual or extraordinary, and are recorded in retained earnings accounts.

### 359. OTHER CHARGES

This account shall include amounts not provided for elsewhere, which are chargeable to or appropriated from retained earnings.

When the amounts are immaterial in relation to net income for the year, such amounts may be recorded in the income accounts rather than in this account.

## TEXT PERTAINING TO PLANT ACCOUNTS

The primary accounts included in this group of accounts are designed to show the cost of plant owned by the company and devoted to gas operations. The balance of these accounts is included in balance sheet accounts No. 100, "Gas Plant in Service", No. 101, "Gas Plant Leased to Others", and No. 102, "Gas Plant Held for Future Use".

## PLANT ACCOUNTS

### INTANGIBLE PLANT

#### 401. FRANCHISES AND CONSENTS

This account shall include amounts paid to federal, provincial or other governmental authorities in consideration for franchises, consents or certificates running in perpetuity or for a specified term of more than one year. It shall also include expenses incident to procuring such franchises, consents or certificates of permission and approval.

If a franchise, consent or certificate is acquired by assignment, the charge to this account in respect thereof shall be the amount paid to the assignor.

When any franchise has expired, the ledger value thereof shall be credited to this account. If the franchise was depreciable (see General Instructions, Section 10), the amount removed from this account shall be charged to account No. 105, "Accumulated Depreciation—Gas Plant", or account No. 106, "Accumulated Amortization—Gas Plant" as applicable. If the franchise was not depreciable, the amount removed from this account, if immaterial, shall be charged to account No. 329, "Other Income Deductions" or, if material, to account No. 355, "Loss from Sale or Retirement of Plant".

NOTE A : Assessments in respect of franchises shall not be included herein but in the appropriate operating expense account.

NOTE B : Amounts paid to governments for the privilege of incorporating and related expenses shall not be included in this account but shall be included in account No. 178, "Organization Expense".

## 402. OTHER INTANGIBLE PLANT

This account shall include the cost of patent rights, licences, privileges and other intangible plant necessary or valuable in the operation of the company's gas pipe line service and not specifically chargeable to any other account.

When any item included in this account is retired or expires, the ledger value shall be credited to this account. If the item was depreciable (see General Instructions, Section 10), the amount so removed from this account shall be charged to account No. 105, "Accumulated Depreciation—Gas Plant" or account No. 106, "Accumulated Amortization—Gas Plant" as applicable. If the item was not depreciable, the amount received shall be charged to account No. 329, "Other Income Deductions", or, if material, to account No. 355, "Loss from Sale or Retirement of Plant".

## NATURAL GAS PRODUCTION PLANT

## 403. GAS LANDS

This account shall include the cost of lands held in fee simple on which producing natural gas wells are located, and lands held in fee simple which are being drained of natural gas through the operation of wells on other land.

## 404. GAS LEASEHOLDS

This account shall include the cost of acquiring leaseholds on which the company pays royalties for natural gas obtained therefrom.

NOTE : Exclude from this account rents paid periodically for rights obtained under leases. Exclude also from this account the costs of leaseholds which terminate in one year or less after they become effective.

## 405. GAS RIGHTS

This account shall include the cost of petroleum and natural gas rights used in producing natural gas, whereby the company obtains ownership in gas underlying land not owned or leased by the company.

## 406. PRODUCING GAS WELLS—WELL DRILLING

This account shall include the cost of drilling producing gas wells. It shall also include the cost applicable to the deepening of a well, if additional production is found at new depth.

## COMPONENTS

Clearing site for drilling	Labour
Cost of hauling, erecting, dismantling and removing boilers, portable engines, derricks, rigs and other equipment and tools used in drilling	Rent of drilling equipment
Damages	Road to well site, cost of making, etc.
Drilling contractor's charges	Water used in drilling obtained either by driving wells, piping from springs and streams, or by purchase
Fuel or power used in drilling	Shooting, fracturing, acidizing if done when well drilled

## 407. PRODUCING GAS WELLS—WELL EQUIPMENT

This account shall include the cost of equipment in producing gas wells up to and including well gate and flanges, including cost of casing, tubing, packing and shutting in wells.

## COMPONENTS

Bailing equipment	Fittings, including shut-in valve, separators and drips
Boilers and drives permanently connected	Packing
Casing	Tank, oil or water, etc.
Fence, when solely on enclosure for equipment	Tubing

## 408. GAS WELL STRUCTURES

This Account shall include the cost of well structures and improvements used in connection with the housing of permanent bailer and other equipment necessary to keep the wells in operation.

## 409. OTHER NATURAL GAS PRODUCTION EQUIPMENT

This account shall include the cost of implements and equipment used in drilling and cleaning natural gas wells.

## COMPONENTS

Bailers  
Boilers  
Derricks  
Drilling cables  
Drilling machines  
Engines

Motors  
Pulling machines  
Rigs  
Rod pulling tractors  
Fishing tools

## NATURAL GAS GATHERING PLANT

## 410. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of natural gas gathering plant, the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstracts  
Appraisals  
Arbitrators in expropriation cases  
Commissions paid to others  
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services  
Cost of cleaning, filling and levelling submerged or low land  
Damage to property of others  
Ditches for waterways when part of consideration  
Engineering and survey expense in connection with purchase of land in fee simple  
Expropriation expenses, including court costs and special counsel fees

Judgements and decreed costs to clear or defend titles  
Legal and notarial fees  
Plats  
Premiums on expropriation bonds  
Registering, filing and depositing title documents and plans  
Payments for release and discharge of encumbrances and charges against the land  
Payments for release from restrictive provisions of original title documents and for other rights  
Removal and relocation of buildings and other structures not purchased  
Rent of land when part of consideration for purchase  
Taxes accrued and assumed at time of purchase

NOTE A : When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

NOTE B : Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it should be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

NOTE C : The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

NOTE D : When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it should be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant", or account No. 329, "Other Income Deductions", as applicable.

NOTE E : When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

NOTE F : In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completely ready for service.

NOTE G : The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

#### 411. LAND RIGHTS

This account shall include the cost of land rights or easements used for the construction, operation and maintenance of gathering plant; the cost of land rights for storage of material adjoining the right of way; the cost of work room adjoining the right of way during construction.

##### COMPONENTS

Abstract expenses	Legal and notarial fees
Engineering and survey expenses in connection with expropriation	Outside land rights agents' compensation
Expropriation expenses	Plats
Fees and costs of registering, filing and depositing title documents and plans	Premiums on expropriation bonds
Judgements and decreed costs of clearing or defending titles	Payments for release and discharge of encumbrances and charges against the lands affected by the land rights
	Payments for tenants' consents, options and easements

NOTE A : The cost of land owned in fee simple used as land rights for the gathering plant is provided for in account No. 410, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the account provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights less any cost of removal shall be credited to this account.

NOTE E : When a land right or easement is directly associated with and useful only in relation to a depreciable plant unit, the land right or easement may be charged to the related primary plant account.

#### 412. COMPRESSOR STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in connection with the housing of compressor equipment for gas gathering operations. It shall also include the cost of improvements to such structures and related facilities, and the cost of clearing, levelling or grading land, both before and after construction of structure when such improvements are directly related to the above functions and structures.

##### COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 413. MEASURING AND REGULATING STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in connection with the housing of meters, regulators and appurtenant appliances for measuring and regulating gas before entry into the transmission system. It shall also include the cost of improvements to such structures, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors, and other similar apparatus shall be included in the cost of such apparatus.

## 414. OTHER STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in gas gathering operations not provided for elsewhere, also the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures. The cost of improvements to non-owned property shall also be included in this account.

## COMPONENTS

Boiler	Plumbing system
Building	Protection box
Drainage system	Reservoir
Fencing	Road
Heating system	Sewage system
Hoisting equipment, attached to building	Sidewalk
Lighting system	Sprinkler system
Lightning arrestor	Vehicular bridge
Loading dock	Ventilating system
Outdoor steel walkways and steps	Water line
Parking bumper	Water well
Pipe rack	

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 415. GATHERING LINES

This account shall include the cost installed of gas gathering line pipe, from the wells to the meters recording delivery to the transmission system.

## COMPONENTS

Anchor block	Pipe casing
Blow down tank	Pipe line
Cathodic protection equipment	Protective coating
Clearing and grading	River crossing header
Concrete supports	River weights
Damages to property of others	Saddles
Drip assemblies	Structural equipment and support
Equipment foundation	Surveying
Lightning arrestor	Valve
Manifold fittings	Vents

NOTE : The cost of reopening the trench and backfilling subsequent to original construction for the purpose of applying the original protection and casing shall be charged to this account.

## 416. COMPRESSOR EQUIPMENT

This account shall include the cost of compressors and associated equipment used in connection with gas gathering operations.

## COMPONENTS

Air cleaner	Meter body
Air compressor	Meter recorder
Atmospheric type jacket water cooler	Meter station header
Auxiliary engine generator	Meter tube
Base volume index	Oil reclaiming
Blower	Pipe fittings
Cathodic ground bed	Piping
Cathodic protection device	Portable meter station
Circuit breakers and switches	Protective coating and wrap
Compressor	Pulsation dampener
Conductor	Pump
Conduit	Rectifier
Controller	Regulator
Control panel	Relay cabinet
Dehydrator	Residence equipment
Drip	Scrubber
Duct	Shop equipment
Electrical fittings	Signal
Equipment foundation	Silencer
Filter	Station positive gas meter
Fire fighting equipment	Storage battery
Gauge	Stores equipment
Gauge board panel	Support
Garage equipment	Switchboard
Heat exchanger	Tank
Laboratory equipment	Telemetering equipment
Line casing	Transformer
Line pole	Trap
Line wire	Valve
Manhole	Valve box
Manometer	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 417. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meter, gauges and other equipment used in measuring and regulating gas before entry into the transmission system.

## COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Switch
Equipment foundation	Switchboard
Fire fighting equipment	Tank
Gauges	Telemetering equipment
Governor	Thermometer
Header	Tubing
Heat exchanger	Valve
Laboratory equipment	Valve box
Manhole	Valve operator
Manometer	Water treating equipment
Meter recorder	

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 418. PURIFICATION EQUIPMENT

This account shall include the cost of condensers, dehydrators, pumps and other apparatus used for the removal of impurities from gas.

## COMPONENTS

Condensers and washer coolers	Piping, from inlet valve of first piece of apparatus to outlet valve of final piece of apparatus (or, in building, from entrance to building to exit from building)
Dehydrators	Scrubbers
Foundations and settings, specially constructed for and not intended to outlast the equipment for which provided	Sulphur removal apparatus
Other accessory equipment, such as coolers, spray ponds, pumps, platforms, railings, stairs	Water supply system

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 419. OTHER NATURAL GAS GATHERING EQUIPMENT

This account shall include the cost of equipment used in gas gathering operations and not provided for elsewhere.

## PRODUCTS EXTRACTION PLANT

## 420. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of products extraction plant; the cost of land for storage, station, office, shop and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Ditch for waterways when part of consideration
Appraisal	Engineering and survey expense in connection with purchase of land in fee simple
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Expropriation expense, including court costs and special counsel fees
Cost of clearing, filling and levelling submerged or low land	Judgements and decreed costs to clear or defend titles
Arbitrator in expropriation cases	Legal and notarial fee
Commission paid to others	Plats
Premium on expropriation bonds	Payment for release from restrictive provisions of original title documents and for other rights
Registering, filing and depositing title documents and plans	Removal and relocation of buildings and other structures not purchased
Payments for release and discharge of encumbrances and charges against the land	Rent of land when part of consideration for purchase
Damage to property of others	Taxes accrued and assumed at time of purchase

NOTE A : When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

NOTE B : Payments for options and of interest on options and on contracts to purchase land when it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

NOTE C : The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

NOTE D : When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant" or account No. 329, "Other Income Deductions", as applicable.

NOTE E : When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

NOTE F : In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

NOTE G : The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

#### 421. LAND RIGHTS

This account shall include the cost of land rights or easements used in connection with the processing of natural gas for removal of gasoline, butane, propane or other saleable products.

##### COMPONENTS

Abstract expenses	Legal and notarial fees
Engineering and survey expenses in connection with expropriation	Outside land right agents' compensation
Expropriation expenses	Plats
Fees and costs of registering, filing and depositing title documents and plans	Premiums on expropriation bonds
Judgements and decreed costs of clearing or defending titles	Payments for release and discharge of encumbrances and charges against the lands affected by the land rights
	Payments for tenants' consents, options and easements

NOTE A : The cost of land owned in fee simple; used as land rights for products extraction plant is provided for in account No. 420, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

#### 422. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in connection with the processing of natural gas for removal of gasoline, butane, propane or other saleable products. It shall also include the cost of improvements to such structures, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 423. EXTRACTION EQUIPMENT

This account shall include the cost of equipment used for the extraction from natural gas of gasoline, butane, propane or other saleable products and for the refining of such products.

## COMPONENTS

Boiler plant equipment, including boiler, boiler setting, heat exchangers, etc.	Gasoline blending equipment including dye pot, eductor pumps, lead storage tanks, weighing device, etc.
Compressed air system, including air compressor, air storage tank, etc.	Gauges and instruments
Cooling equipment such as coolers, cooling tower and accessories for gas, extracted products, etc.	Loading racks and associated other equipment
Cranes, trolleys and hoists	Lubricating oil system
Electrical system, including generator and driving unit, power lines, transformers, switchboard, yard lighting system, etc.	Pumps of various types, such as boiler feed water pumps, loading and transfer pumps, drip still pumps, oil pumps, skimmer basin pumps, etc.
Extraction and refining equipment, such as absorbers, reabsorbers, stills, dephlegmators, fractionating towers, stabilizing columns, control apparatus	Tanks of various types such as accumulator and dewatering tanks, separator tanks, gasoline feed tanks, compressed air tanks, oil surge tanks, etc.
Foundations and structural supports for equipment items not intended to outlast the equipment for which provided	Water supply system including water well, water tank and supports, water softener or purification apparatus, travelling water screen and drive
Fuel regulating and measuring equipment	Yard piping, gas, water, steam, compressed air, fuel, vapor, extracted products, including headers, valves, etc., but not including off site lines includible in account No. 425, "Pipe Lines".

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 424. PRODUCTS STORAGE EQUIPMENT

This account shall include the cost installed of storage tanks and associated equipment used in the storing, prior to sale, of gasoline, butane, propane and other saleable products extracted from natural gas.

## COMPONENTS

Foundation	Storage Tank
Instrument	Valve
Regulator	

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 425. PIPE LINES

This account shall include the cost of piping used in connection with the processing of natural gas for the removal of gasoline, butane, propane or other saleable products, exclusive of piping appropriately includible in other primary accounts in the products extraction plant section.

## COMPONENTS

Gas lines off site relating solely to extraction operations	Loading lines connecting with remote off site loading racks or storage facilities
Gasoline gathering lines connecting with off site sources	Pumps and driving units
Gathering line drips	
Instruments, indicating and recording.	

## 426. COMPRESSOR EQUIPMENT

This account shall include the cost of compressors and associated equipment used in connection with the receipt, processing and return of gas processed for removal of gasoline, butane, propane, or other saleable products.

## COMPONENTS

Air cleaner	Meter body
Air compressor	Meter recorder
Atmospheric type jacket water cooler	Meter station header
Auxiliary engine generator	Meter tube
Base volume index	Oil reclaiming
Blower	Pipe fittings
Cathodic ground bed	Piping
Circuit breakers and switches	Portable meter station
Compressor	Protective coating and wrap
Conductor	Pulsation dampener
Conduit	Pump
Controller	Rectifier
Control panel	Regulator
Dehydrator	Residence equipment
Drip	Scrubber
Duct	Shop equipment
Electrical fittings	Signal
Equipment foundation	Silencer
Filter	Station positive gas meter
Fire fighting equipment	Storage battery
Garage equipment	Stores equipment
Gauge	Support
Gauge board panel	Switchboard
Heat exchanger	Tank
Laboratory equipment	Telemetry equipment
Line casing	Transformer
Line pole	Trap
Line wire	Valve
Manhole	Valve box
Manometer	Water treating equipment

NOTE : The cost of foundations, other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 427. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meters, gauges and other equipment used in measuring or regulating gas received and/or returned from processing for removal of gasoline, butane, propane or other saleable products.

## COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Switch
Equipment foundation	Switchboard
Fire fighting equipment	Tank
Gauges	Telemetry equipment
Governor	Thermometer
Header	Tubing
Heat exchanger	Valve
Laboratory equipment	Valve box
Manhole	Valve operator
Meter recorder	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

## 428. PURIFICATION EQUIPMENT

This account shall include the cost of condensers, dehydrators, pumps and other apparatus used for the removal of impurities from gas.

## COMPONENTS

Condenser and washer cooler	Piping from inlet valve of first piece of apparatus to outlet valve of final piece of apparatus (or, in building, from entrance to building to exit from building)
Dehydrator	Scrubber
Foundation and setting, specially constructed for and not intended to outlast the equipment for which provided	Sulphur removal apparatus
Other accessory equipment, such as cooler, spray pond, pump, platform, railing, stair	Water supply system

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 429. OTHER PRODUCTS EXTRACTION EQUIPMENT

This account shall include the cost of equipment used in processing gas and refining gasoline, butane, propane and other saleable products extracted from gas, not provided for elsewhere.

## MANUFACTURED GAS PRODUCTION PLANT

## 430. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of manufactured gas production plant; the cost of land for storage, station, office, shop and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Damage to property of others
Appraisal	Ditch for waterways when part of consideration
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Engineering and survey expense in connection with purchase of land in fee simple
Arbitrator in expropriation cases	Expropriation expense, including court costs and special counsel fees
Commission paid to others	Judgements and decreed costs to clear or defend titles
Premium on expropriation bonds	Legal and notarial fee
Registering, filing and depositing title documents and plans	Plats
Payment for release and discharge of encumbrances and charges against the land	Payment for release from restrictive provisions of original title documents and for other rights
Cost of clearing, filling and levelling submerged or low land	Removal and relocation of buildings and other structures not purchased
	Rent of land when part of consideration for purchase
	Taxes accrued and assumed at time of purchase

NOTE A : When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

NOTE B : Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

NOTE C : The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

NOTE D : When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work

which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant" or account No. 329, "Other Income Deductions", as applicable.

**NOTE E :** When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

**NOTE F :** In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

**NOTE G :** The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

#### 431. LAND RIGHTS

This account shall include the cost of land rights or easements used in connection with manufactured gas production.

##### COMPONENTS

Abstract expenses	Fees and costs of registering, filing and depositing title
Expropriation expenses	documents and plans
Legal fees	Outside land right agents' compensation
Notarial fees	

**NOTE A :** The cost of land owned in fee simple, used as land rights for manufactured gas production is provided for in account No. 430, "Land".

**NOTE B :** Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

**NOTE C :** The cost of clearing, levelling or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

**NOTE D :** Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

#### 432. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in connection with manufactured gas production. It shall also include the cost of improvements to such structures and related facilities, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

##### COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

**NOTE :** The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

#### 433. MANUFACTURING EQUIPMENT

This account shall include the cost installed of equipment of all descriptions used in connection with the manufacture of gas.

The various Manufactured Gas Plant Equipment sub accounts are described below.

##### *Boiler Plant Equipment*

This account shall include the cost installed of furnaces, boilers, steam and feed water piping, boiler apparatus, and accessories used in the production of steam at gas production plants.

## COMPONENTS

Accumulators  
 Air preheaters, including fans and drives, and ducts not part of building  
 Ash disposal equipment, including sluiceways not part of a building, pumps and piping, crane, ash bucket conveyor and drives, ash cars, etc.  
 Belt conveyors, including drives  
 Blast gate valves  
 Blow-down tanks and piping  
 Boilers, including valves attached thereto, casings, safety valves, soot blowers, soot hoppers, superheaters and feed water regulators  
 Cinder and dust catcher system, including mechanical and electric types  
 Coal and coke handling equipment, including hoppers, lorries, etc., used wholly for boilers  
 Combustion control system, including all apparatus installed for the regulation and control of the supply of fuel or air to boilers  
 Control apparatus  
 Cranes, hoists, etc., wholly identified with apparatus listed herein  
 Desuperheaters and reducing valves  
 Draft apparatus, including forced, induced, and other draft systems, with blowers, fans, and ducts not part of building  
 Economizers  
 Emergency lighting systems, not part of building, keep-a-lite systems, etc.  
 Emergency signal systems, in connection with boiler operation  
 Feed water heaters, including primary and stage  
 Flues, uptakes, and breeching, whether or not stacks are included in this account  
 Foundations and settings, specially constructed for and not intended to outlast the apparatus for which provided  
 Furnaces  
 Gas firing system, including gas lines, burners, etc., for gas fired boilers  
 Injectors  
 Mechanical stoker and feeding systems, clinker grinders, including drives  
 Meters, gauges, recording instruments, etc.  
 Oil burning equipment, including tanks, heaters, pumps with drives, burner equipment, piping, and conditioning apparatus.  
 Painting, first cost  
 Panels, control (for operating apparatus listed herein)  
 Piping system, steam header and exhaust header, including accessory pipe hangers, steam traps, etc., make-up water, feed water, drip, blow-off, water pipe lines used for steam plant, and valve control system  
 Platforms, railings, steps, gratings, etc., appurtenant to apparatus listed herein  
 Pulverizing equipment  
 Pumps and driving units, for feed water, heater condensate, condenser water, and drip  
 Stacks—brick, steel, and concrete, when set on separate foundations independent of substructure or superstructure of building  
 Steam reheaters  
 Steelwork, especially constructed for apparatus listed herein  
 Tanks, including surge, weighing, return, blow-off, feed water storage  
 Tar burning equipment for utilization of tar as boiler fuel, including tanks, pumps, burner equipment, piping, etc.  
 Waste heater boilers and accessories—stack valve and stack irrespective of location  
 Water treatment system, including purifiers, settling tanks, filters, chemical mixing and dosing apparatus, etc.

NOTE A : This account shall not include boilers or steam pipes whose primary purpose is the heating of buildings.

NOTE B : When the system for supplying boiler or condenser water is elaborate, as when it includes a dam, reservoir, canal, or pipe line, the cost shall not be charged to this account but to a special subdivision of account No. 432, "Structures and Improvements".

*Other Power Equipment*

This account shall include the cost installed of electric generating and accessory equipment used for supplying electricity in gas production plants.

This account shall also include the cost installed of miscellaneous power equipment at gas production plants which is not included in any other account.

## COMPONENTS

Acid proofing of battery rooms  
 Air duct runs in battery rooms  
 Air pump, steamjet  
 Batteries for control and general station use  
 Belts, pulleys, hangers, shafts, and countershafts  
 Cables between generators and switchboards  
 Cabinets, control  
 Compartments, including buses, connections and items permanently attached  
 Enclosure equipment not an integral part of building  
 Engines, including steam rotary or reciprocating, steam turbines, and internal combustion engines  
 Foundations and settings, specially constructed for and not intended to outlast the apparatus for which provided  
 Generators, A.C. or D.C., including excitation system  
 Batteries for control and general station use  
 Ground connections, for main station ground  
 Lightning arrestors  
 Motor generators, frequency changers, and converters  
 Overhead power lines, including poles, crossarms, insulators, conductors, etc.  
 Panels, control, including supports and instruments  
 Piping applicable to apparatus listed herein  
 Reactors  
 Rectifiers  
 Safety equipment, including rubber mats, remote closing devices, glove cabinets  
 Purifiers for gas to be reformed  
 Regulators  
 Water gas generators, used primarily for reforming gas

*Residual Refining Equipment*

This account shall include the cost installed of apparatus used in refining and handling of residuals except where the apparatus is necessary for the operation of property included in account No. 438, "Purification Equipment".

## COMPONENTS

Ammonia stills, condensers, saturators, etc.	Gauges
Apparatus for removal of residuals from purifier liquids	Heating equipment for apparatus included in this account
Coke filter	Instruments
Coke handling and storage facilities, used solely for coke held for sale	Light oil stills, washers, etc.
Condensers	Piping and pumps
Control apparatus	Platforms, stairs, and ladders
Coolers	Separators
Decanters	Storage tanks
Foundations specially constructed for and not intended to outlast the apparatus for which provided	Supports
	Tar dehydrators, stills, etc.

*Gas Mixing Equipment*

This account shall include the cost installed of equipment used for mixing manufactured and natural gas, or the mixing of other gases incident to delivery of such mixed gases to the distribution system.

## COMPONENTS

Alcohol units	Meters
Automatic mixing controls	Mixing chambers
Btu adjustor	Odorizing equipment
Calorimeter	Oil pump units
Calorimixer	Panel and control equipment
Compressor	Piping and valves
Gas heater	Regulators, pressure and ratio
Gas scrubber (air filter, dust cleaner)	Safety alarm equipment
Gauges and instruments	

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

## 434. GAS HOLDERS—MANUFACTURING

This account shall include the cost installed of holders and associated equipment used in the storing, prior to sale, of manufactured gas.

## COMPONENTS

Alarm systems	Hortonspheres and high pressure tanks
Buried piping, tanks or other underground construction for gas storage	Lighting
Flood and fire control equipment	Pumps
Foundations	Regulators
Holder pistons	Valves
Holders	Ventilating equipment
	Walkways

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

## 436. COMPRESSOR EQUIPMENT

This account shall include the cost of compressor equipment used to deliver manufactured gas to the transmission or distribution system.

## COMPONENTS

Air cleaner	Electrical fittings
Air compressor	Equipment foundation
Atmospheric type jacket water cooler	Filter
Auxiliary engine generator	Fire fighting equipment
Base volume index	Gauge
Blower	Gauge board panel
Cathodic ground bed	Garage equipment
Cathodic protective device	Heat exchanger
Circuit breakers and switches	Laboratory equipment
Compressor	Line casing
Conductor	Line pole
Conduit	Line wire
Controller	Manhole
Control panel	Manometer
Dehydrator	Meter body
Drip	Meter recorder
Duct	Meter station header

Meter tube	Signal
Oil reclaimers	Silencer
Pipe fittings	Station positive gas meter
Piping	Storage battery
Portable meter station	Stores equipment
Protective coating and wrap	Support
Pulsation dampener	Switchboard
Pump	Tank
Rectifier	Telemetry equipment
Regulator	Transformer
Relay cabinet	Trap
Residence equipment	Valves
Scrubber	Valve box
Shop equipment	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

#### 437. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meters, gauges and other equipment used in measuring or regulating manufactured gas production.

##### COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Switch
Equipment foundation	Switchboard
Fire fighting equipment	Tank
Gauges	Telemetry equipment
Governor	Thermometer
Header	Tubing
Heat exchanger	Valve
Laboratory equipment	Valve box
Manhole	Valve operator
Meter recorder	Water treating equipment

NOTE: The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

#### 438. PURIFICATION EQUIPMENT

This account shall include the cost installed of apparatus used for the removal of impurities from gas and apparatus for conditioning gas, including pumps, wells, and other accessory apparatus.

##### COMPONENTS

Condensers and washer coolers	Piping, from inlet valve of first pieces of apparatus to outlet valve of final piece of apparatus (or, in building, from entrance to building to exit from building)
Dehydrators	Scrubbers
Foundations and settings, specially constructed for and not intended to outlast the equipment for which provided	Sulphur removal apparatus
Other accessory equipment, such as coolers, spray ponds, pumps, platforms, railings, stairs	Water supply system

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

#### 439. OTHER MANUFACTURED GAS PRODUCTION EQUIPMENT

This account shall include the cost installed of equipment used in the production of gas, when not assignable to any other account.

## LOCAL STORAGE PLANT

## 440. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of local storage plant; the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Ditch for waterways when part of consideration
Appraisal	Engineering and survey expense in connection with purchase of land in fee simple
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Expropriation expense, including court costs and special counsel fees
Cost of clearing, filling and levelling submerged or low land	Judgements and decreed costs to clear or defend titles
Arbitrator in expropriation cases	Legal and notarial fee
Commission paid to others	Plats
Premium on expropriation bonds	Payment for release from restrictive provisions of original title documents and for other rights
Registering, filing and depositing title documents and plans	Removal and relocation of buildings and other structures not purchased
Payment for release and discharge of encumbrances and charges against the land	Rent of land when part of consideration for purchase
Damage to property of others	Taxes accrued and assumed at time of purchase

**NOTE A :** When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

**NOTE B :** Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

**NOTE C :** The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

**NOTE D :** When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant" or account No. 329, "Other Income Deductions", as applicable.

**NOTE E :** When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

**NOTE F :** In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant Under Construction", until such time as the project involved is completed ready for service.

**NOTE G :** The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

## 441. LAND RIGHTS

This account shall include the cost of land rights or easements used in connection with local storage operations.

## COMPONENTS

Abstract expenses	Fees and costs of registering, filing and depositing title documents and plan
Expropriation expenses	Outside land right agents' compensation
Legal fees	
Notarial fees	

NOTE A : The cost of land owned in fee simple, used as land rights for local storage, is provided for in account No. 440, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

## 442. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures, improvements and related facilities used in connection with local storage operations. It shall also include the cost of improvements to such structures, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 443. GAS HOLDERS—STORAGE

This account shall include the cost installed of holders and associated equipment used in the storing of natural gas prior to sale.

## COMPONENTS

Alarm systems	Hortonspheres and high pressure tanks
Buried piping, tanks or other underground construction for gas storage	Lighting
Flood and fire control equipment	Pumps
Foundations	Regulators
Holder pistons	Valve
Holders	Ventilating equipment
	Walkways

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

## 449. OTHER LOCAL STORAGE EQUIPMENT

This account shall include the cost installed of equipment used in the local storage operation when not assignable to any other account.

## UNDERGROUND STORAGE PLANT

## 450. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of underground storage plant; the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Damage to property of others
Appraisal	Ditch for waterways when part of consideration
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Engineering and survey expense in connection with purchase of land in fee simple
Cost of clearing, filling and levelling submerged or low land	Expropriation expense, including court costs and special counsel fees
Arbitrator in expropriation cases	Judgements and decreed costs to clear or defend titles
Commission paid to others	Legal and notarial fee
Premium on expropriation bonds	Plats
Registering, filing and depositing title documents and plans	Payment for release from restrictive provisions of original title documents and for other rights
Payment for release and discharge of encumbrances and charges against the land	Removal and relocation of buildings and other structures not purchased
	Rent of land when part of consideration for purchase
	Taxes accrued and assumed at time of purchase.

**NOTE A :** When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

**NOTE B :** Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

**NOTE C :** The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant", or account No. 319, "Other Income", as applicable.

**NOTE D :** When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant" or account No. 329, "Other Income Deductions", as applicable.

**NOTE E :** When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant"

**NOTE F :** In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

**NOTE G :** The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

## 451. LAND RIGHTS

This account shall include the cost of land rights or easements used in connection with the storage of gas in depleted or partially depleted gas or oil fields or other underground reservoirs.

## COMPONENTS

Abstract expenses	Legal and notarial fees
Engineering and survey expenses in connection with expropriation	Outside land right agents' compensation
Expropriation expenses	Plats
Fees and costs of registering, filing and depositing title documents and plans	Premiums on expropriation bonds
Judgements and decreed costs of clearing or defending titles	Payments for release and discharge of encumbrances and charges against the lands affected by the land rights
	Payments for tenants' consents, options and easements

NOTE A : The cost of land owned in fee simple, used as land rights for underground storage is provided for in account No. 450, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling, or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

## 452. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures, improvements and related facilities used in connection with the underground storage of natural gas. It shall also include the cost of improvements to such structures, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 453. WELLS

This account shall include the cost of wells used for injection and withdrawal of gas from underground storage projects.

## COMPONENTS

Clearing well site	Fuel or power
Hauling, erecting, dismantling and removing boilers, portable engines, derricks, rigs, and other equipment and tools used in drilling	Labour
Drilling	Rent of drilling equipment
	Water used in drilling, obtained either by driving wells, piping from springs or streams, or by purchase

## 454. WELL EQUIPMENT

This account shall include the cost of equipment in or at wells used for injection and withdrawal of gas from underground storage.

## COMPONENTS

Bailing equipment	Fence, when solely an enclosure for equipment
Battery equipment	Fittings, including shut-in valves, separators, drips,
Boilers and drives permanently connected	bradenheads and casing heads
Casing	Packing
Dehydrators	Tank, oil or water, etc.
Derrick	Tubing

## 455. FIELD LINES

This account shall include the cost of pipe lines used for conveying gas from point of connection with gathering or transmission lines to underground storage wells and from underground storage wells to the point where the gas enters the transmission system.

## COMPONENTS

Anchor blocks	Pipe casing
Blow down tanks	Pipe line
Cathodic protection equipment	Protective coating
Clearing and grading	River crossing header
Concrete supports	River weights
Damages to property of others	Saddles
Drip assemblies	Structural equipment and support
Equipment foundation	Surveying
Lightning arrestor	Valve
Manifold fittings	Vents

NOTE : The cost of re-opening the trench and backfilling subsequent to original construction, for the purpose of applying the original protection and casing, shall be charged to this account.

## 456. COMPRESSOR EQUIPMENT

This account shall include the cost of compressor equipment used to deliver gas to underground storage or to withdraw gas from underground storage for delivery to the transmission system.

## COMPONENTS

Air cleaner,	Meter body
Air compressor	Meter recorder
Atmospheric type jacket water cooler	Meter station header
Auxiliary engine generator	Meter tube
Base volume index	Oil reclaimer
Blower	Pipe fittings
Cathodic ground bed	Piping
Cathodic protective device	Portable meter station
Circuit breakers and switches	Protective coating and wrap
Compressor	Pulsation dampener
Conductor	Pump
Conduit	Rectifier
Controller	Regulator
Control panel	Relay cabinet
Dehydrator	Residence equipment
Drip	Scrubber
Duct	Shop equipment
Electrical fittings	Signal
Equipment foundation	Silencer
Filter	Station positive gas meter
Fire fighting equipment	Storage battery
Gauge	Stores equipment
Gauge board panel	Support
Garage equipment	Switchboard
Heat exchanger	Tank
Laboratory equipment	Telemetry equipment
Line casing	Transformer
Line pole	Trap
Line wire	Valve
Manhole	Valve box
Manometer	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 457. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meters, gauges and other equipment used in measuring or regulating deliveries of gas to underground storage and withdrawals of gas from underground storage.

## COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Switch
Equipment foundation	Switchboard
Fire fighting equipment	Tank
Gauges	Telemetering equipment
Governor	Thermometer
Header	Tubing
Heat exchanger	Valve
Laboratory equipment	Valve box
Manhole	Valve operator
Meter recorder	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 458. BASE PRESSURE GAS

This account shall include the cost of gas in underground storage which is required as a base pressure for the operation of underground storage areas.

NOTE : Deliveries to or withdrawals from underground storage of gas held for use to satisfy gas service requirements of customers shall be charged or credited to account No. 152, "Gas Stored Underground—Available for Sale".

## 459. OTHER UNDERGROUND STORAGE EQUIPMENT

This account shall include the cost of equipment used in connection with underground storage of gas and not provided for elsewhere.

## TRANSMISSION

## 460. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of transmission lines; the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Payment for release from restrictive provisions of original title documents and for other rights
Appraisal	Ditch for waterways when part of consideration
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Engineering and survey expense in connection with purchase of land in fee simple
Cost of clearing, filling and levelling submerged or low land	Expropriation expense, including court costs and special counsel fees
Damage to property of others	Judgements and decreed costs to clear or defend titles
Arbitrator in expropriation cases	Legal and notarial fee
Commission paid to others	Plats
Premium on expropriation bonds	Removal and relocation of buildings and other structures not purchased
Registering, filing and depositing title documents and plans	Rent of land when part of consideration for purchase
Payment for release and discharge of encumbrances and charges against the land	Taxes accrued and assumed at time of purchase

**NOTE A :** When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

**NOTE B :** Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

**NOTE C :** The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant", or account No. 319, "Other Income", as applicable.

**NOTE D :** When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant", or account No. 329, "Other Income Deductions", as applicable.

**NOTE E :** When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

**NOTE F :** In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

**NOTE G :** The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

#### 461. LAND RIGHTS

This account shall include the cost of land rights or easements used for the construction, operation and maintenance of transmission lines; the cost of land rights for storage of material adjoining the right of way; the cost of work room adjoining the right of way during construction.

##### COMPONENTS

Abstract expenses	Legal and notarial fees
Engineering and survey expenses in connection with expropriation	Outside land rights agents' compensation
Expropriation expenses	Plats
Fees and costs of registering, filing and depositing title documents and plans	Premiums on expropriation bonds
Judgements and decreed costs of clearing or defending titles	Payments for release and discharge of encumbrances and charges against the lands affected by the land rights
	Payments for tenants' consents, options and easements

**NOTE A :** The cost of land owned in fee simple, used as land rights for the transmission plant is provided for in account No. 460, "Land".

**NOTE B :** Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

**NOTE C :** The cost of clearing, levelling, or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of facilities constructed.

**NOTE D :** Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

#### 462. COMPRESSOR STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in connection with the housing of compressor equipment for gas transmission operations. It shall also include the cost of improvements to such structures and related facilities, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water wells

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 463. MEASURING AND REGULATING STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures, improvements and related facilities used in connection with the housing of meters, regulators and appurtenant appliances for measuring and regulating natural gas during transmission. It shall also include the cost of improvements to such structures, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

## COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment, attached to building	Sidewalks
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 464. OTHER STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures, improvements and related facilities used in gas transmission operations not provided for elsewhere. It shall also include the cost of improvements to such structures and related facilities and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures. The cost of improvements to non-owned property shall also be included in this account.

## COMPONENTS

Boiler	Pipe rack
Building	Plumbing system
Drainage system	Protection box
Fencing	Reservoir
Heating system	Road
Hoisting equipment, attached to building	Sidewalk
Lighting system	Sprinkler system
Lightning arrestor	Vehicular bridge
Loading dock	Ventilating system
Outdoor steel walkways and steps	Water line
Parking bumper	Water well

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 465. MAINS

This account shall include the cost installed of gas transmission mains, between station discharge valve and next station's suction valve, including pipe from receiving meters to delivery meters.

## COMPONENTS

Anchor blocks	Pipe casing
Blow down tanks	Pipe line
Cathodic protection equipment	Protective coating
Clearing and grading	River crossing header
Concrete supports	River weights
Damages to property of others	Saddles
Drip assemblies	Structural equipment and support
Equipment foundation	Surveying
Lightning arrestor	Valve
Manifold fittings	Vents

NOTE : The cost of re-opening the trench and backfilling subsequent to original construction, for the purpose of applying the original protection and casing, shall be charged to this account.

## 466. COMPRESSOR EQUIPMENT

This account shall include the cost of compressors and associated equipment used in connection with gas transmission operations.

## COMPONENTS

Air cleaner	Meter body
Air compressor	Meter recorder
Atmospheric type jacket water cooler	Meter station header
Auxiliary engine generator	Meter tube
Base volume index	Oil reclaiming
Blower	Pipe fittings
Cathodic ground bed	Piping
Cathodic protection device	Portable meter station
Circuit breakers and switches	Protective coating and wrap
Compressor	Pulsation dampener
Conductor	Pump
Conduit	Rectifier
Controller	Regulator
Control panel	Relay cabinet
Dehydrator	Residence equipment
Drip	Scrubber
Duct	Shop equipment
Electrical fittings	Signal
Equipment foundation	Silencer
Filter	Station positive gas meter
Fire fighting equipment	Storage battery
Gauge	Stores equipment
Gauge board panel	Support
Garage equipment	Switchboard
Heat exchanger	Tank
Laboratory equipment	Telemetry equipment
Line casing	Transformer
Line pole	Trap
Line wire	Valve
Manhole	Valve box
Manometer	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 467. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meters, gauges and other equipment used in measuring or regulating gas in connection with gas transmission operations.

## COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Switch
Equipment foundation	Switchboard
Fire fighting equipment	Tank
Gauges	Telemetry equipment
Governor	Thermometer
Header	Tubing
Heat exchanger	Valve
Laboratory equipment	Valve box
Manhole	Valve operator
Meter recorder	Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors, and other similar apparatus shall be included in the appropriate structures and improvements account.

## 468. COMMUNICATION STRUCTURES AND EQUIPMENT

This account shall include the cost of telephone, telegraph, radio and other communication structures and equipment used wholly or predominantly in connection with the operation and maintenance of the gas transmission system.

## COMPONENTS

## Building

*Telegraph and Telephone Equipment*

Aerial attachment	Guy, stub and anchor
Battery	Guy rod and wire
Brace	Insulator and pin
Bracket	Rectifier
Cable and wire	Rheostat
Cable box and appurtenance	Pole
Conduit and appurtenance	Sending and receiving instrument
Connecting wire	Submarine cable and connection
Current controlling instrument	Switchboard
Cross arm and cross arm bolt	Telephone pole box
Electric generator and motor	Testing outfit
Electric meter	Tower
Engine, stationary	Transformer
Fuse and mechanical protector	Underground cable and connection

*Radio and Radar Equipment*

Aerial or antenna and attachment	Radio tower
Control unit	Specialized testing and repair equipment
Power generating, converting or supply equipment	Transmitter and receiver including mobile unit
Radar console and associated equipment	

NOTE : The cost of telegraph, telephone, radio and other communication structures and equipment for general use in connection with the company's gas operations shall be included in account No. 488, "Communication Structures and Equipment".

## 469. OTHER TRANSMISSION EQUIPMENT

This account shall include the cost of equipment used in gas transmission operations not provided for elsewhere.

## DISTRIBUTION PLANT

## 470. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of distribution plant; the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the buildings, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Plats
Appraisal	Arbitrator in expropriation cases
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Commission paid to others
Cost of clearing, filling and levelling submerged or low land	Premium on expropriation bonds
Damage to property of others	Registering, filing and depositing title documents and plans
Ditch for waterways when part of consideration	Payment for release and discharge of encumbrances and charges against the land
Engineering and survey expense in connection with purchase of land in fee simple	Payment for release from restrictive provisions of original title documents and for other rights
Expropriation expense, including court costs and special counsel fees	Removal and relocation of buildings and other structures not purchased
Judgements and decreed costs to clear or defend titles	Rent of land when part of consideration for purchase
Legal and notarial fee	Taxes accrued and assumed at time of purchase

**NOTE A :** When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

**NOTE B :** Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction", if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

**NOTE C :** The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

**NOTE D :** When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant", or account No. 329, "Other Income Deductions", as applicable.

**NOTE E :** When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

**NOTE F :** In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

**NOTE G :** The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

## 471. LAND RIGHTS

This account shall include the cost of land rights or easements used for the construction, operation and maintenance of distribution plant; the cost of land rights for storage of material adjoining the right of way; the cost of work room adjoining the right of way during construction.

## COMPONENTS

Abstract expenses	Legal and notarial fees
Engineering and survey expenses in connection with expropriation	Outside land right agents' compensation
Expropriation expenses	Plats
Fees and costs of registering, filing and depositing title documents and plans	Premiums on expropriation bonds
Judgements and decreed costs of clearing or defending titles	Payments for release and discharge of encumbrances and charges against the lands affected by the land rights
	Payments for tenants' consents, options and easements

NOTE A : The cost of land owned in fee simple, used as land rights for the distribution plant is provided for in account No. 470, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling, or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

## 472. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in gas distribution operations. It shall also include the cost of improvements to such structures and related facilities, and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures.

### COMPONENTS

Boiler	Protection box
Building	Reservoir
Drainage system	Roads
Fencing	Sewage system
Hoisting equipment attached to building	Sidewalk
Lightning arrestor	Sprinkler system
Loading dock	Ventilating system
Parking bumper	Water line
Pipe rack	Water wells

Buildings include shops, warehouses, garages, meter shops, etc., used primarily in distribution operations, including regulator, gauge and meter buildings.

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

## 473. SERVICES

This account shall include the cost installed of service pipes, from the point at which the main is tapped to and including the meter shut off stop, whether inside or outside the building, when the company incurs such cost or when the company assumes full responsibility for the maintenance and replacement of property paid for by the customer. This includes the cost of stub services run in anticipation of future use, even if such services have never been used.

Services which have been used, but have become inactive, shall be retired from plant in service immediately if there is no prospect for re-use, and, in any event, shall be retired from plant in service by the end of the second year following that during which the service became inactive unless re-used in the interim.

The company shall maintain records to show separately the number and average length of services of each diameter and material, the book cost of which is included in this account; those through which gas is being delivered; those which have been used but which are inactive; and those to which no meters are attached.

### COMPONENTS

Curb valves and curb boxes	Pavement disturbed, including cutting and replacing pavement, pavement base, and sidewalks
Drips	Permits
Excavation, including shoring, bracing, bridging, pumping, backfill, and disposal of excess excavated material	Pipe and fittings, including saddle, tee, or other fittings on street main
Municipal inspection	Pipe coatings
	Protection of street openings

## 474. HOUSE REGULATORS AND METER INSTALLATIONS

This account shall include the cost of house regulators whether actually installed or held in reserve. It shall further include the cost of labour and materials used, and expenses incurred in connection with the original installation of house regulators and meters. For accounting convenience, the cost of house regulator and meter installations may be transferred annually to account No. 473, "Services".

## COMPONENTS

Cocks  
Locks  
Labour  
Meter bars  
Pipe

Fittings  
Regulators  
Regulator vents  
Seals  
Shelves

## 475. MAINS

This account shall include the cost installed of distribution system mains from the transmission line to the customer service line.

## COMPONENTS

Cathodic protection equipment  
Clearing and grading  
Damages to property of others  
Drips  
Excavation, including shoring, bracing, bridging, pumping, backfill and disposal of excess excavated material  
Municipal inspection  
Pavement disturbed, including cutting and replacing pavement, pavement base and sidewalks

Permits  
Pipe  
Pipe coating  
Pipe fittings  
Pipe laying  
Pipe supports  
Protection of street openings  
Surveying  
Valves (including manholes or pits) not associated with pumping or regulating equipment

NOTE : The cost of re-opening the trench and backfilling subsequent to original construction, for the purpose of applying the original protection and casing, shall be charged to this account.

## 476. COMPRESSOR EQUIPMENT

This account shall include the cost of compressor equipment and associated appliances used in connection with the distribution system operations.

## COMPONENTS

Air cleaner  
Air compressor  
Atmospheric type jacket water cooler  
Auxiliary engine generator  
Base volume index  
Blower  
Cathodic ground bed  
Cathodic breakers and switches  
Compressor  
Conductor  
Conduit  
Controller  
Control panel  
Dehydrator  
Drip  
Duct  
Electrical fittings  
Equipment foundation  
Filter  
Fire fighting equipment  
Gauge  
Gauge board panel  
Garage equipment  
Heat exchanger  
Laboratory equipment  
Line casing  
Line pole  
Line wire  
Manhole  
Manometer

Meter body  
Meter recorder  
Meter station header  
Meter tube  
Oil reclaimers  
Pipe fittings  
Piping  
Protective coating and wrap  
Pulsation dampener  
Pump  
Rectifier  
Regulator  
Relay cabinet  
Residence equipment  
Scrubber  
Shop equipment  
Signal  
Silencer  
Station positive gas meter  
Storage battery  
Stores equipment  
Support  
Switchboard  
Tank  
Telemetering equipment  
Transformer  
Trap  
Valve  
Valve box  
Water treating equipment

NOTE : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

## 477. MEASURING AND REGULATING EQUIPMENT

This account shall include the cost of meters, gauges and other equipment used in measuring or regulating gas in connection with gas distribution operations.

## COMPONENTS

Battery	Meter tube and fittings
Blower	Odorizing equipment
Cathodic protection device	Panel
Chemical	Piping
Circuit breaker	Positive meter
Conductor	Pulsation dampener
Conduit	Pump
Controller	Regulator
Control panel	Remote control
Dehydrator	Stores equipment
Duct	Support
Equipment foundation	Switch
Fire fighting equipment	Tank
Gauge	Telemetering equipment
Governor	Thermometer
Header	Transformer
Heat exchanger	Tubing
Laboratory equipment	Valve
Manhole	Valve box
Manometer	Valve operator
Meter recorder	Water treating equipment

NOTE A : The cost of foundations other than those special to particular engines, pumps, compressors and other similar apparatus shall be included in the appropriate structures and improvements account.

NOTE B : The cost of meters for measuring gas delivered to users shall be included in account No. 478, "Meters".

## 478. METERS

This account shall include the cost of meters or devices for use in measuring the quantity of gas delivered to users, whether actually in service or held in reserve.

The records covering meters shall be so kept that the company can furnish information as to the number of meters of various capacities in service and in reserve as well as the location of each meter owned.

## COMPONENTS

Meters, including badging and initial testing

## 479. OTHER DISTRIBUTION EQUIPMENT

This account shall include the cost installed of all other distribution system equipment not provided for in the foregoing accounts.

## COMPONENTS

Carbon monoxide tester and indicator	Portable pumps
Explosimeters	Recording gauges
Fire extinguishers	Street lighting equipment
Gas masks	Test meters
Lockers	Watchmen's clocks

## GENERAL PLANT

## 480. LAND

This account shall include the cost of land owned in fee simple and used for the construction and operation of general plant; the cost of land for storage, station, office, shop, and other grounds; the cost of land for ingress to or egress from such grounds; the cost of land for storage of material adjoining the right of way; the cost of removing from the land and locating elsewhere the property of others, and the cost of necessary land for relocation of the property, when such costs are assumed by the company.

When land, together with buildings thereon, is acquired, the cost shall be fairly apportioned between land and buildings and accounted for accordingly. If the plan of acquisition contemplates the removal of the building, the total cost of the land and buildings shall be accounted for as the cost of the land and the value of the salvage of the buildings when disposed of shall be deducted from the cost of the land as determined.

Proceeds from the sale of timber or of improvements purchased with land, less any cost of removal, shall be credited to this account.

Proceeds from the sale of minerals known to be in the land when purchased and considered in the purchase price thereof shall be credited to this account.

## COMPONENTS

Abstract	Judgements and decreed costs to clear or defend titles
Appraisal	Legal and notarial fee
Arbitrator in expropriation cases	Plats
Commission paid to others	Premiums on expropriation bonds
Compensation and expenses of outside land agents when specifically assigned to acquisition of land, but not arbitrary apportionments for incidental services	Registering, filing and depositing title documents and plans
Cost of clearing, filling and levelling submerged or low land	Payment for release and discharge of encumbrances and charges against the land
Damage to property of others	Payment for release from restrictive provisions of original title documents and for other rights
Ditch for waterways when part of consideration	Removal and relocation of buildings and other structures not purchased
Engineering and survey expense in connection with purchase of land in fee simple	Rent of land when part of consideration for purchase
Expropriation expense, including court costs and special counsel fees	Taxes accrued and assumed at time of purchase

NOTE A : When the acquisition of land for gas pipe line service involves also the purchase of land not to be used for such purposes, the charges to this account shall be based upon the estimated cost at date of acquisition of only that portion which is used for gas pipe line service. The estimated value of that portion which is not so used shall be included in account No. 110, "Other Plant". When such land is practically worthless, it shall be included in the account at a nominal value for record purposes.

NOTE B : Payments for options and of interest on options and on contracts to purchase land which it is proposed to use in contemplated construction projects shall be carried in account No. 179, "Other Deferred Charges", pending determination as to whether to proceed with the project. If it be decided to proceed with the project, the balance in account No. 179, "Other Deferred Charges", shall be cleared therefrom and charged to account No. 115, "Gas Plant under Construction"; if not, the amount lost, including interest, if any, shall be charged to account No. 359, "Other Charges", or income accounts as applicable.

NOTE C : The net proceeds from the sale of minerals and timber in excess of the amount considered therefor in the purchase price of the land shall be credited to account No. 351, "Profit from Sale of Plant" or account No. 319, "Other Income", as applicable.

NOTE D : When land has been purchased for a proposed pipe line operation project and the project has been indefinitely postponed before construction work is begun, the cost of the property shall be transferred to account No. 102, "Gas Plant Held for Future Use", sufficient details being included in the entry to permit the classification of the various items of cost in case the project is later pursued. The cost of the work which has been done shall be included in account No. 179, "Other Deferred Charges", until a decision has been reached as to execution or abandonment of the project. If it be determined to continue the work the cost of the land and the work which has been done shall be transferred to account No. 115, "Gas Plant under Construction". If the project be abandoned the cost of the work which has been done shall be charged to account No. 355, "Loss from Sale or Retirement of Plant", or account No. 329, "Other Income Deductions", as applicable.

NOTE E : When land is acquired for which there is not a definite plan for its use in pipe line operations, the cost shall be charged to account No. 110, "Other Plant".

NOTE F : In case land is purchased under a definite plan for its use in a construction project, its cost shall be included in account No. 115, "Gas Plant under Construction", until such time as the project involved is completed ready for service.

NOTE G : The cost of clearing, levelling or grading land, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

## 481. LAND RIGHTS

This account shall include the cost of land rights or easements, the cost of which is not properly includible in other land and land rights accounts.

## COMPONENTS

Abstract expenses	Fees and costs of registering, filing and depositing title documents and plans
Expropriation expenses	Outside land rights agents' compensation
Legal fees	
Notarial fees	

NOTE A : The cost of the land owned in fee simple, used as land rights for general plant is provided for in account No. 480, "Land".

NOTE B : Periodical rents paid for use of land rights shall be included in the accounts provided for the expense of operating the facilities used.

NOTE C : The cost of clearing, levelling, or grading land, on which the company has acquired land rights, both before and after the construction of facilities thereon, but directly related to such facilities, shall be included in the accounts provided for the cost of the facilities constructed.

NOTE D : Proceeds from the sale of timber or of improvements purchased with land rights, less any cost of removal, shall be credited to this account.

#### 482. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of structures and related facilities used in gas operations and not provided for in other structures and improvements accounts. It shall also include the cost of improvements to such structures and related facilities and the cost of clearing, levelling or grading land, both before and after construction of structures when such improvements are directly related to the above functions and structures. The cost of improvements to non-owned property shall be included in this account when not provided for elsewhere.

##### COMPONENTS

Boiler	Plumbing system
Building	Protection box
Drainage system	Reservoir
Fencing	Road
Heating system	Sewage system
Hoisting equipment, attached to building	Sidewalk
Lighting system	Sprinkler system
Lightning arrestor	Vehicular bridge
Loading dock	Ventilating system
Outdoor steel walkways and steps	Water line
Parking bumper	Water well
Pipe rack	

NOTE : The cost of foundations special to engines, pumps, compressors and other similar apparatus shall be included in the cost of such apparatus.

#### 483. OFFICE FURNITURE AND EQUIPMENT

This account shall include the cost of the office equipment, furniture and fixtures for general office buildings, when not built in or permanently attached to buildings.

##### COMPONENTS

Accounting machine	I.B.M. panel
Adding machine	Integrator
Air conditioner	Lamp
Calculating machine	Library
Carpet	Locker
Chair	Photographic equipment
Clock	Projection equipment
Comptometer	Safe
Desk	Space heater
Dictating machine	Rug
Duplicating machine	Table
Filing equipment	Typewriter
Fire extinguisher	Water cooler
Humidifier	

#### 484. TRANSPORTATION EQUIPMENT

This account shall include the cost of transportation equipment, used in gas operations.

##### COMPONENTS

Aircraft	Helicopter
Aircraft engine	Motor boat
Aircraft float	Motorcycle
Aircraft wheel	Pickup
Automobile	Station wagon
Barge	Tractor
Bicycle	Truck
Bombardier	Truck trailer
Electric vehicle	

**485. HEAVY WORK EQUIPMENT**

This account shall include the cost of major items of equipment for use in construction or maintenance of the gas system.

**COMPONENTS**

Air compressor	Heating kettle
Bulldozer	Hoist
Concrete mixer and distributor	Motor and engine
Crane	Pipe threading and cutting machine
Derrick	Power shovel
Ditching machine	Pump
Drag line	Tamping and backfilling machine
Forge	Trenching machine
Generator	Welding machine

NOTE : Small tools and equipment and large equipment of a non-movable nature shall be included in account No. 486, "Tools and Work Equipment".

**486. TOOLS AND WORK EQUIPMENT**

This account shall include the cost of tools and other items of equipment used in construction or maintenance of the gas system and not includible in account No. 485, "Heavy Work Equipment". It shall also include the cost of garage equipment and large equipment of a non-movable nature.

**COMPONENTS**

Air drill	Lathe
Alcohol injector	Lawn mower
Anvil	Lifting magnet
Barometer	Manometer
Battery charger	Milling machine
Bevelling machine	Motor
Blasting machine	Pipe cleaning machine
Boring machine	Pipe coating tester
Calorimeter	Pipe cutting and threading machine
Corrosion prevention equipment	Pipe locator
Crane	Pipe pusher
Cutter	Pipe straightening machine
Detector	Pipe threader
Dew point tester	Planer
Dog house	Pneumatic tool
Drilling machine	Pump
Engine	Saw
Fire extinguisher	Surveying and levelling equipment
Forge	Tool cabinet
Gascope	Tool kit
Generator	Tool rack
Grinder	Vise
Greasing tools and equipment	Wheelbarrow
Gun	Winch
Hand truck	Work bench
Hoist	Wrench

**487. EQUIPMENT ON CUSTOMERS' PREMISES**

This account shall include the cost, including first setting and connecting, of equipment owned by the company installed on customers' premises which is not includible in other accounts.

**COMPONENTS**

Refrigerators	Water heaters
Conversion burners	Stoves

**488. COMMUNICATION STRUCTURES AND EQUIPMENT**

This account shall include the cost of telegraph, telephone, radio and other communication structures and equipment used wholly or predominantly in the general operations of the company.

**COMPONENTS**

Building

*Telegraph and Telephone Equipment*

Aerial attachment	Guy, stub and anchor
Battery	Guy rod and wire
Brace	Insulator and pin
Bracket	Rectifier
Cable and wire	Rheostat
Cable box and appurtenance	Pole
Conduit and appurtenance	Sending and receiving instrument
Connecting wire	Submarine cable and connection
Current controlling instrument	Switchboard
Cross arm and cross arm bolt	Telephone pole box
Electric generator and motor	Testing outfit
Electric meter	Tower
Engine, stationary	Transformer
Fuse and mechanical protector	Underground cable and connection

*Radio and Radar Equipment*

Aerial or antenna and attachment	Radio tower
Control unit	Specialized testing and repair equipment
Power generating, converting or supply equipment	Transmitter and receiver including mobile unit
Radar console and associated equipment	

NOTE : The cost of telegraph, telephone, radio and other communication structures and equipment for use in connection with the operation and maintenance of the gas transmission system shall be included in account No. 468, "Communication Structures and Equipment".

## 489. OTHER GENERAL EQUIPMENT

This account shall include the cost of equipment used in gas operations and not provided for in other equipment accounts.

## UNDISTRIBUTED PLANT

## 496. UNCLASSIFIED PLANT

This account shall include the cost of gas plant in service pending analysis and distribution to the appropriate primary plant accounts.

## TEXT PERTAINING TO OPERATING REVENUE ACCOUNTS

The primary accounts included in this group of accounts are designed to show amounts of money which the company becomes entitled to receive, or which accrue to its benefit from the sale of gas, transportation of gas, sale of products extracted from natural gas and from other sales and services incident to gas operations.

The total of these primary operating revenue accounts is included in control account No. 300, "Operating Revenue" and this account shall be closed into retained earnings account No. 350, "Balance Transferred from Income" at the end of each fiscal year.

## OPERATING REVENUE ACCOUNTS

## SALES OF GAS

## 500. CANADIAN SALES

This account shall include revenue from the sale of gas to utilities and other companies domiciled in Canada.

## 510. FOREIGN SALES

This account shall include revenue from the sale of gas to utilities and other companies domiciled outside Canada.

## 520. RESIDENTIAL SALES

This account shall include revenue from gas supplied for residential or domestic purposes by distribution companies.

**521. COMMERCIAL SALES**

This account shall include revenue from gas supplied for commercial purposes by distribution companies.

**522. INDUSTRIAL SALES**

This account shall include revenue from gas supplied for industrial purposes by distribution companies.

**524. INTERDEPARTMENTAL SALES**

This account shall include amounts charged by the gas department at tariff or other specified rates for gas supplied by it to other departments.

**529. OTHER SALES**

This account shall include revenue from gas sales not provided for elsewhere.

**OTHER OPERATING REVENUE****550. SALES OF PRODUCTS EXTRACTED FROM GAS**

This account shall include revenues from sales of gasoline, butane, propane, and other products extracted from gas.

Records shall be so maintained to readily identify the type of product sold.

**551. REVENUE FROM NATURAL GAS PROCESSED BY OTHERS**

This account shall include the revenue derived from royalties and permits or other basis of settlement for permission granted others for the right to remove products from natural gas.

**560. FORFEITED DISCOUNTS—(PENALTIES)**

This account shall include revenue from discounts forfeited or additional charges imposed because of the failure of customers to pay their gas bills on or before a specified date.

**561. REVENUE FROM SERVICE WORK**

This account shall include revenue from service work billed to customers for piping, installations or other appliance work.

**EXAMPLES**

Revenue from changing, connecting, or disconnecting facilities on the customers' premises  
Profit on maintenance of appliances, piping, gas firing and other utilization facilities, or other installations on customers' premises  
Net credit or debit (cost less net salvage and less payment from customers) on closing work orders for plant installed for temporary service of less than one year  
Recovery of expenses in connection with gas diversion cases (Billing for the gas consumed shall be included in the appropriate gas revenue account.)  
Services performed for other gas companies for testing and adjusting meters, changing charts, etc.

**570. TRANSPORTATION AND STORAGE OF GAS OF OTHERS**

This account shall include revenue from transporting and storing non-owned gas in the company's system.

**575. RENT FROM GAS PLANT**

This account shall include rent revenues for the use by others of land, buildings, and other gas plant, the cost of which is included in account No. 100, "Gas Plant in Service".

The maintenance and operations of plant, the rent from which is includible in this account shall, if assumed by the company, be charged to the operating expense account applicable.

**NOTE A :** The rent from plant, the cost of which is included in account No. 110, "Other Plant", shall be included in account No. 310, "Revenue from Other Plant".

**NOTE B :** The rent from plant, the cost of which is included in account No. 101, "Gas Plant Leased to Others" shall be included in account No. 307, "Revenue from Gas Plant Leased to Others".

**NOTE C :** The rent revenue from the sub rental of gas plant shall be credited to the account originally charged with the rent expense.

**576. RENT FROM COMPANY EQUIPMENT ON CUSTOMERS' PREMISES**

This account shall include revenue from the rental of company owned equipment on customers' premises, such as, automatic water heaters and conversion burners.

**579. MISCELLANEOUS OPERATING REVENUE**

This account shall include miscellaneous operating revenue not provided for elsewhere.

**TEXT PERTAINING TO OPERATING ACCOUNTS**

The primary accounts included in this group of accounts are designed to show the costs of operating gathering, products extraction, underground storage, transmission, distribution, other general facilities, the costs of gas supply and the expenses of administration.

The total of these primary operating accounts is included in control account No. 301, "Operating Expense", and this account shall be closed into retained earnings account No. 350, "Balance Transferred from Income" at the end of each fiscal year.

**EXPLORATION AND DEVELOPMENT—OPERATION****600. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the supervision and direction of the operation of exploration and development activities.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees

Travelling, subsistence, automotive and incidental expenses of employees

Office supplies and expenses, such as, stationery, postage, maps, telephone, telegraph, light, heat and water

Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities shall be charged to the appropriate account.

**602. DELAY RENTALS**

This account shall be charged with the amount of rents paid periodically on natural gas lands in order to hold natural gas land and land rights for the purpose of obtaining a supply of gas in the future.

Include also in this account the cost of obtaining natural gas leases for a period of one year or less.

**603. NON-PRODUCTIVE WELL DRILLING**

This account shall include the net cost of drilling non-productive wells.

**604. ABANDONED LEASES**

This account shall include the cost of all leases abandoned where well drilling proved non-productive.

**609. OTHER EXPLORATION AND DEVELOPMENT OPERATION**

This account shall include the cost of exploration and development not provided for elsewhere.

**NATURAL GAS PRODUCTION AND GATHERING—OPERATION****610. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred at a division, district or similar field office in the general supervision of the operation of the production and gathering systems facilities.

**EXAMPLES**

Salaries and wages of superintendents, engineers, clerks, stenographers and other field office employees

Travelling, subsistence, automotive and incidental expenses of employees

Office supplies and expenses such as stationery, postage, maps, telephone, telegraph, light, heat and water

Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities such as operation of gathering lines, compressor stations, measuring and regulating stations and purification equipment shall be charged to the appropriate account.

**611. ROYALTIES**

This account shall include the cost of royalties paid for natural gas produced by the company from wells on land owned by others.

**612. GATHERING OF GAS BY OTHERS**

This account shall include the cost of gathering charges paid to others where such charges are separate and not included as part of the delivered price of gas.

NOTE : The cost of transportation of gas by others shall be charged to account No. 663, "Transportation of Gas by Others".

**614. GAS WELLS**

This account shall include the cost of labour, supplies and expenses incurred in operating producing gas wells.

**EXAMPLES**

Direct supervision  
Testing, bailing, swabbing, blowing and gauging producing gas wells  
Cleaning off old well locations  
Painting signs, etc.  
Minor upkeep of well roads and fences, etc.  
Turning wells off and on  
Pumping wells

**615. PIPE LINES**

This account shall include the cost of labour, supplies and expenses incurred in the operation of natural gas production and gathering pipe lines and facilities.

**EXAMPLES**

Direct supervision  
Inspecting and lubricating valves, injectors, etc.  
Blowing and cleaning lines, drips, traps, injectors, etc., thawing freeze-ups  
Injection of kontrol, methanol, glycol and other chemicals  
Reading and reporting line pressures, changing charts  
Stand-by time of crews, time spent fire fighting and for other local services  
Cutting grass and weeds, clearing brush, fallen trees and other debris, removing snow on rights of way and access roads  
Patrolling lines  
Cleaning buildings and other structures  
Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, hand tools and general equipment  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employees travelling and subsistence, employee housing  
Gas used or lost in pipe line operations

**616. COMPRESSOR**

This account shall include the cost of labour, supplies and expenses incurred in the operation of natural gas production and gathering system compressor stations and facilities.

**EXAMPLES**

Direct supervision  
Operating, cleaning, lubricating engines, generators and other equipment  
Packing valves, changing gauge glasses, changing oil and air filter elements  
Reading metering instruments, changing charts  
Taking water samples, dew point readings, testing and recording  
Tending station grounds, removing snow  
Cleaning buildings and other structures  
Preparing logs and other clerical work  
Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, landscaping supplies, hand tools and equipment  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
Gas used or lost in compressor operations

## 617. MEASURING AND REGULATING

This account shall include the cost of labour, supplies and expenses incurred in the operation of natural gas production and gathering system measuring and regulating stations and facilities.

## EXAMPLES

Direct supervision  
 Operating, inspecting, testing, adjusting, cleaning and calibrating equipment  
 Changing meters, orifice plates, clocks, etc.  
 Recording pressures, reading meters, changing charts  
 Taking gas samples, water samples, dew point readings, testing and recording  
 Inspecting, cleaning and blowing drips, pits, sumps, etc.  
 Tending station grounds, removing snow  
 Cleaning buildings and other structures  
 Preparing reports and other clerical work  
 Supplies such as lubricants, wiping rags, charts, chemicals, pens, ink, mercury, light bulbs, cleaning and washroom supplies, first aid supplies, landscape supplies, hand tools and general equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

## 618. PURIFICATION

This account shall include the cost of labour and materials, and expenses incurred in the operation of the production and gathering system purification facilities.

## EXAMPLES

Direct supervision  
 Changing charts on fuel meters  
 Emptying, cleaning and refilling purifier boxes  
 Oiling dip sheets of purifier covers  
 Removing spent oxide to refuse piles  
 Revivifying oxide  
 Taking readings of inlet and outlet pressures and temperature  
 Watching station and equipment  
 Cutting grass and weeds, and minor grading around equipment and station  
 Inspecting and testing equipment, not specifically to determine necessity for repairs or replacement of parts  
 Lubricating equipment, valves, etc.  
 Operating and checking equipment, valves, instruments, etc.  
 Unloading and storing glycol  
 Hauling operating employees, materials, supplies and tools, etc.  
 Supplies such as liquid purifying supplies, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, hand tools and equipment  
 Expenses such as automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
 Gas used or lost in purification operations

## 619. OTHER NATURAL GAS PRODUCTION AND GATHERING OPERATION

This account shall include the cost of labour, supplies and expenses incurred in producing and gathering natural gas and not includible elsewhere.

## PRODUCTS EXTRACTION—OPERATION

## 620. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision of the operation of products extraction and refining facilities.

## EXAMPLES

Salaries and wages of superintendents, engineers, clerks, stenographers and other office employees  
 Travelling, subsistence, automotive and incidental expenses of employees  
 Office supplies and expenses such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
 Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities such as power plant, extraction and refining units, laboratory and warehouse facilities shall be charged to account No. 621, "Extraction and Refining".

## 621. EXTRACTION AND REFINING

This account shall include the cost of labour, supplies and expenses incurred in the operation of products extraction and refining facilities.

### EXAMPLES

Direct supervision  
Operating, cleaning, lubricating machinery, valves, gauges, instruments and other equipment  
Inspecting and testing instruments and other equipment  
Reading meters, gauges and other instruments, changing charts, gauge glasses  
Taking and testing water samples, gas samples and other similar laboratory services  
Tending plant grounds, removing snow  
Producing electricity, steam, pumping cooling water  
Preparing logs, reports, and other data  
Supplies such as amine, dehydration agents, water treating and other chemicals, absorption oil, lubricants, wiping rags, charts, light bulbs, gauge glasses, cleaning and washroom supplies, first aid supplies, landscaping supplies, gas used or lost in operations, hand tools and equipment  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, power, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

## 622. GAS PROCESSING BY OTHERS

This account shall include the cost of gas shrinkage, gas consumed for fuel, royalties and other expenses in connection with the processing of gas of this company by others for extraction of saleable products.

Gas shrinkage is defined as the cost of the reduction in gas from products extraction operations of gas of the company processed by others.

Gas for fuel is defined as the cost of gas of the company used for fuel in connection with the products extraction processing of the company's gas by others.

Royalties is defined as the payments of fractional interests of royalty holders in products extracted by others from gas of the company.

## GAS SUPPLY—OPERATION

## 623. GAS PURCHASES

This account shall include the cost, at point of receipt by the company, of all gas purchased and amounts payable to others for their gas sold by the company under agency agreements.

NOTE : Gathering of gas by others and transportation of gas by others where such charges are separate and not part of the delivered price of gas shall be included in account No. 612, "Gathering of Gas by Others", or account No. 663, "Transportation of Gas by Others", as applicable.

## 626. EXCHANGE GAS

This account shall include debits or credits for the cost of gas in unbalanced exchange transactions whereby gas is received from another party and receipt and delivery of such gas is not completed during the accounting period. This accounting is not required for minor transactions.

If revenue is earned in consideration of the performance of exchange services, such revenue shall be recorded in account No. 579, "Miscellaneous Operating Revenue".

## 627. GAS WITHDRAWN FROM UNDERGROUND STORAGE

This account shall include the cost of gas withdrawn from underground storage during the year. These amounts shall be concurrently credited to account No. 152, "Gas Stored Underground—Available for Sale".

## 628. GAS DELIVERED TO UNDERGROUND STORAGE (CREDIT)

This account shall be credited with the cost of gas delivered to underground storage during the year. These amounts shall be concurrently charged to account No. 152, "Gas Stored Underground—Available for Sale".

**629. GAS USED (CREDIT)**

This account shall be credited with amounts which are concurrently charged to operating expense or other accounts in respect of gas used for other than storage purposes.

This account shall be subdivided as follows:

- (a) Gas used in construction
- (b) Gas used in products extraction process
- (c) Gas used for operations and other purposes

**MANUFACTURED GAS PRODUCTION—OPERATION****630. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the supervision and direction of the operation of manufactured gas production facilities.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, maps, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities such as fuel and fuel handling, manufacture, gas holders and purification shall be charged to the appropriate account.

**631. FUEL AND FUEL HANDLING**

This account shall include the cost of labour, supplies and expenses incurred in boiler rooms and elsewhere about the premises for the operation of fuel and fuel handling.

**EXAMPLES**

Blowing flues  
Cleaning boilers  
Handling coal, coke and breeze from place of storage of boilers  
Janitorial, messenger, watchmen and similar services  
Operating boilers  
Operating elevators  
Pulverizing coal  
Pumping tar from storage tank to boilers  
Removing ashes  
Testing steam meters, gauges and other instruments  
Coal, oil, gas, or other fuel used in the production of steam, including applicable amounts of fuel stock expenses  
Also include the net cost of, or the net amount realized from, the disposal of ashes.

**632. MANUFACTURE**

This account shall include the cost of labour, supplies and expenses incurred in the manufacture of gas by such processes as water gas, oil gas and coal gas; and other manufacturing operations, such as gas generating, gas reforming, gas mixing, gas enriching and coal carbonizing.

**633. MANUFACTURE—LIQUIFIED PETROLEUM GAS**

This account shall include the cost of labour, supplies and expenses incurred in the operation of equipment used for vapourizing petroleum derivatives, such as propane, butane or gasoline.

**EXAMPLES**

Direct supervision  
Operating, cleaning and lubricating liquid petroleum vapourizers and injectors  
Taking pressures and temperatures, and reading gauges on storage tanks  
Inspecting and testing equipment and setting and adjusting controls and regulators  
Watching pressure gauges, maintaining pressures and relieving excess pressures through lines  
Repressuring storage tanks  
Packing, waste, lubricants, etc.  
Small hand tools  
Building service, communication service, transportation  
Propane and butane

**634. GAS HOLDERS—MANUFACTURING**

This account shall include the cost of labour, supplies and expenses incurred in the operation of gas holders for the manufacturing facilities.

**638. PURIFICATION**

This account shall include the cost of labour, supplies and expenses incurred in operating purification equipment and apparatus used for conditioning manufactured gas.

**EXAMPLES**

Direct supervision  
Operating conveyors, condensers, coolers, tar extractors and precipitators, shaving scrubbers and naphthalene and light oil scrubbers  
Emptying, rearranging, shifting, cleaning, purging and refilling purifier boxes  
Removing spent oxide to refuse pile  
Revivifying oxide  
Oiling dip sheets of purifier boxes  
Inspecting, testing, controlling adjustments, and taking stains  
Cleaning and lubricating purification equipment  
Iron oxide  
Unslacked lime  
Shavings  
Soda ash for liquid purifiers  
Wash oil for naphthalene scrubber  
Sulphuric acid

**639. OTHER MANUFACTURED GAS PRODUCTION OPERATION**

This account shall include the cost of labour, supplies and expenses incurred in manufactured gas production operations and not includible elsewhere.

**LOCAL STORAGE—OPERATION****640. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of the operation of local storage facilities.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, maps, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities, such as operation of gas holders shall be charged to the appropriate account.

**644. GAS HOLDERS—STORAGE**

This account shall include the cost of labour, supplies and expenses incurred in the operation of gas holders for local storage.

**649. OTHER LOCAL STORAGE—OPERATION**

This account shall include the cost of labour, supplies and expenses incurred in operation of local storage facilities not includible elsewhere.

**UNDERGROUND STORAGE—OPERATION****650. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the general supervision of the operation of underground storage facilities.

## EXAMPLES

Salaries and wages of superintendents, engineers, clerks, stenographers and other field office employees  
 Travelling subsistence, automotive and incidental expenses of employees  
 Office supplies and expenses such as stationery, postage, maps, telephone, telegraph, light, heat and water  
 Rents, janitor service and supplies, upkeep of office building and equipment

NOTE : Direct supervision of specific activities such as exploration and development, operation of wells, field lines, compressor stations, measuring and regulating stations and purification equipment shall be charged to the appropriate account.

## 651. EXPLORATION AND DEVELOPMENT

This account shall include the cost of labour, supplies and expenses incurred in the investigation, exploration and development of underground storage projects which do not prove feasible.

The net cost of drilling non-operative wells for the purpose of outlining a storage area shall be charged to Plant Account No. 451, "Underground Storage Land Rights".

## 653. WELLS

This account shall include the cost of labour, supplies and expenses incurred in the operation of underground storage system wells and facilities.

## EXAMPLES

Direct supervision  
 Testing, bailing, swabbing, blowing and gauging storage wells  
 Painting signs, etc.  
 Minor upkeep of well roads, fences, etc.  
 Turning storage wells on and off  
 Moving cleaning out tools between locations  
 Gas, gasoline, and oil used in pumping, bailing, heating and swabbing

## 654. GAS LOSSES

This account shall include the amounts of inventory adjustments representing the cost of gas lost in underground storage operations.

NOTE : If the adjustment is material and relates predominantly to prior years, it shall be charged to account No. 359, "Other Charges".

## 655. FIELD LINES

This account shall include the cost of labour, supplies and expenses incurred in the operation of underground storage field lines and facilities.

## EXAMPLES

Direct supervision  
 Inspecting and lubricating valves, injectors, etc.  
 Blowing and cleaning lines, drips, traps, injectors, etc.; thawing freeze-ups  
 Injection of kontrol, methanol, glycol and other chemicals  
 Reading and reporting line pressures, changing charts  
 Stand-by time of crews, time spent fire fighting and for other local services  
 Cutting grass and weeds, clearing brush, fallen trees and other debris, removing snow on rights of way and access roads  
 Patrolling lines  
 Cleaning buildings and other structures  
 Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, hand tools and general equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
 Gas used or lost in field line operations

## 656. COMPRESSOR

This account shall include the cost of labour, supplies, and expenses incurred in the operation of underground storage system compressor stations and facilities.

## EXAMPLES

Direct supervision  
 Operating, cleaning, lubricating engines, generators and other equipment  
 Packing valves, changing gauge glasses, changing oil and air filter elements  
 Reading metering instruments, changing charts  
 Taking water samples, dew point readings, testing and recording  
 Tending station grounds, removing snow  
 Cleaning buildings and other structures  
 Preparing logs and other clerical work  
 Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, landscaping supplies, hand tools and equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
 Gas used or lost in compressor operations

## 657. MEASURING AND REGULATING

This account shall include the cost of labour, supplies and expenses incurred in the operation of underground storage system measuring and regulating facilities.

## EXAMPLES

Direct supervision  
 Operating, inspecting, testing, adjusting, cleaning and calibrating equipment  
 Changing meters, orifice plates, clocks, etc.  
 Recording pressures, reading meters, changing charts  
 Taking gas samples, water samples, dew point readings, testing and recording  
 Inspecting, cleaning and blowing drips, pits, sumps, etc.  
 Tending station grounds, removing snow  
 Cleaning buildings and other structures  
 Preparing reports and other clerical work  
 Supplies such as lubricants, wiping rags, charts, chemicals, pens, ink, mercury, light bulbs, cleaning and washroom supplies, first aid supplies, landscape supplies, hand tools and general equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

## 658. PURIFICATION

This account shall include the cost of labour, supplies and expenses incurred in operating equipment used for purifying, dehydrating and conditioning of natural gas in connection with underground storage operations.

## EXAMPLES

Direct supervision  
 Changing charts on fuel meters  
 Emptying, cleaning and refilling purifier boxes  
 Oiling dip sheets of purifier covers  
 Removing spent oxide to refuse piles  
 Revivifying oxide  
 Taking readings of inlet and outlet pressures and temperature  
 Unloading and storing glycol  
 Watching station and equipment  
 Cutting grass and weeds, and minor grading around equipment and station  
 Hauling operating employees, materials, supplies and tools, etc.  
 Inspecting and testing equipment, not specifically to determine necessity for repairs or replacement of parts  
 Lubricating equipment valves, etc.  
 Operating and checking equipment, valves, instruments, etc.  
 Supplies such as liquid purifying supplies, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, hand tools and equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
 Gas used in operations

## 659. OTHER UNDERGROUND STORAGE—OPERATION

This account shall include the cost of labour, supplies and expenses incurred in the operation of underground storage facilities not provided for elsewhere.

## TRANSMISSION—OPERATION

## 660. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred at a division, district or similar field office in the general supervision of the operation of the transmission system facilities.

## EXAMPLES

Salaries and wages of superintendents, engineers, clerks, stenographers and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses such as stationery, postage, maps, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities such as operation of communication, pipe lines, main lines, compressor stations and measuring and regulating stations shall be charged to the appropriate account.

## 663. TRANSPORTATION OF GAS BY OTHERS

This account shall include the cost of transportation charges paid to others where such charges are separate and not included as part of the delivered price of gas.

NOTE : The cost of gathering of gas by others shall be charged to account No. 612, "Gathering of Gas by Others".

## 664. COMMUNICATION

This account shall include the cost of labour, supplies and expenses incurred in the operation of facilities used wholly or predominantly in connection with the transmission communication system.

## EXAMPLES

Direct supervision  
Microwave equipment, power generators  
Securing authorization for changing frequencies  
Cleaning and lubricating equipment  
Radio crystals and other radio equipment  
Expenses such as use of automotive, travelling and employee subsistence

NOTE : Operating costs applicable to the operation of the facilities used wholly or predominantly in the general communications system shall be included in account No. 684, "Communication".

## 665. PIPE LINES

This account shall include the cost of labour, supplies and expenses incurred in the operation of transmission system pipe lines and facilities.

## EXAMPLES

Direct supervision  
Inspecting and lubricating valves, injectors, etc.  
Blowing and cleaning lines, drips, traps, injectors, etc.; thawing freeze-ups  
Injection of kerosene, methanol, glycol and other chemicals  
Reading and reporting line pressures, changing charts  
Stand-by time of crews, time spent fire fighting and for other local services  
Cutting grass and weeds, clearing brush, fallen trees and other debris, removing snow on rights of way and access roads  
Patrolling lines  
Cleaning buildings and other structures  
Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, hand tools and general equipment  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
Gas used or lost in pipe line operations

## 666. COMPRESSOR

This account shall include the cost of labour, supplies and expenses incurred in the operation of transmission system compressor stations and facilities.

## EXAMPLES

## Direct supervision

Operating, cleaning, lubricating engines, generators and other equipment  
 Packing valves, changing gauge glasses, changing oil and air filter elements  
 Reading metering instruments, changing charts  
 Taking water samples, dew point readings, testing and recording  
 Tending station grounds, removing snow  
 Cleaning buildings and other structures  
 Preparing logs and other clerical work  
 Supplies such as lubricants, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, landscaping supplies, hand tools and equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing  
 Gas used or lost in compressor operations

## 667. MEASURING AND REGULATING

This account shall include the cost of labour, supplies and expenses incurred in the operation of transmission system measuring and regulating stations and facilities.

## EXAMPLES

## Direct supervision

Operating, inspection, testing, adjusting, cleaning and calibrating equipment  
 Changing meters, orifice plates, clocks, etc.  
 Recording pressures, reading meters, changing charts  
 Taking gas samples, water samples, dew point readings, testing and recording  
 Inspecting, cleaning and blowing drips, pits, sumps, etc.  
 Tending station grounds, removing snow  
 Cleaning buildings and other structures  
 Preparing reports and other clerical work  
 Supplies such as lubricants, wiping rags, charts, chemicals, pens, ink, mercury, light bulbs, cleaning and washroom supplies, first aid supplies, landscape supplies, hand tools and general equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

## 669. OTHER TRANSMISSION OPERATION

This account shall include the cost of labour, supplies and expenses incurred in the operation of transmission system facilities not includible elsewhere.

## DISTRIBUTION—OPERATION

## 670. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of the operation of the distribution system facilities.

## EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
 Travelling, subsistence, automotive and incidental expenses of employees  
 Office supplies and expenses, such as stationery, postage, maps, telephone, telegraph, light, heat and water  
 Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of specific activities, such as load dispatching, operation of removing and resetting meters and house regulators, service on customers' premises, mains and services, compressor stations, measuring and regulating stations shall be charged to the appropriate account.

## 671. LOAD DISPATCHING

This account shall include the cost of labour, supplies and expenses incurred in dispatching and controlling the supply and flow of gas through the distribution system.

## EXAMPLES

## Direct supervision

Controlling mixture of various gases to maintain proper Btu content  
 Controlling gas made and inputs to distribution system

### 673. REMOVING AND RESETTING METERS AND HOUSE REGULATORS

This account shall include the cost of labour, supplies and expenses incurred in connection with removing, resetting, changing, testing and servicing customer meters and house regulators.

#### EXAMPLES

##### Direct supervision

- Initiating or terminating service, including incidental meter reading
- Periodic replacement of meters and house regulators because of age
- Changing or exchanging meters and house regulators because of complaints or removal for inspection
- Resetting meters on existing connections
- Changing position of meters or house regulators on the same premises
- Unproductive calls, etc.
- Turning on meters, including necessary time to insure that gas lines are proper to use and that appliances are in usable condition
- Turning off meters including time to make safety precautions
- Meter locks and seals

### 674. SERVICE ON CUSTOMERS' PREMISES

This account shall include the cost of labour, supplies and expenses incurred in work on customer premises other than expenses includible in account No. 673, "Removing and Resetting Meters and House Regulators", including the cost of servicing customer-owned appliances when the cost of such work is borne by the company.

Damage to customer equipment by employees of the company whether incidental to the work or the result of negligence, shall be charged to the job on which the employee was engaged at the time of damage.

#### EXAMPLES

##### Direct supervision

- Altering customer-owned service extension or meter connections
- Investigating and correcting pressure difficulties or stoppages in customer-owned piping
- Adjusting and repairing burner pilots because of impurities in the gas or failure of the distribution system
- Oiling or spraying noisy meters
- Investigating and stopping gas leaks on customers' premises caused by defective meter, customer-owned piping, or customer appliances
- Inspecting new installations to determine that the customers' equipment and piping are properly installed and connected
- Consolidating meter installations, without change of size, due to elimination of separate meters for different service classifications
- Investigating and adjusting complaints of service on customers' premises
- Unproductive calls
- Inspecting, cleaning, repairing and adjusting customer-owned appliances for domestic, industrial, or commercial use, including house heating furnaces and other space heating appliances, hotel and restaurant appliances
- Replacing defective parts in customer-owned appliances and salvaging reusable appliance parts

### 675. MAINS AND SERVICES

This account shall include the cost of labour, supplies and expenses incurred in the operation of distribution system mains and services.

#### EXAMPLES

##### Direct supervision

- Walking or patrolling mains
- Attending valves, lubricating valves and other equipment, blowing and cleaning lines and drips, draining water from lines, thawing freezes
- Inspecting and testing equipment not specifically to determine necessity for repairs
- Protecting company property during work by others
- Stand-by time of emergency crews, responding to fire calls, etc.
- Locating and inspecting valve boxes or drip riser boxes, service lines, mains, etc.
- Cleaning and repairing tools used in mains operations, making tool boxes, etc.
- Making routine leak survey

### 676. COMPRESSOR

This account shall include the cost of labour, supplies and expenses incurred in the operation of distribution system compressor stations and equipment.

## EXAMPLES

Direct supervision

Operating and checking engines, equipment valves, machinery, gauges and other instruments, including cleaning, wiping, polishing and lubricating

Operating boilers and boiler accessory equipment, including fuel handling and ash disposal, recording fuel used, and unloading and storing coal and oil

Repacking valves and replacing gauge glasses, etc.

Inspecting and testing equipment and instruments when not specifically to determine necessity for repairs or replacement of parts

Cleaning structures housing equipment, cutting grass and weeds, and doing minor grading around station

Scrubber oil

Gas used or lost in compressor operation

**677. MEASURING AND REGULATING**

This account shall include the cost of labour, supplies and expenses incurred in the operation of the distribution system measuring and regulating stations.

## EXAMPLES

Direct supervision

Recording pressures and changing charts, reading meters, etc.

Adjusting and calibrating measuring equipment, changing meters, orifice plates, gauges, clocks, etc.

Taking and testing gas samples, inspecting and testing valves, regulators, gas sample tanks and other meter engineers' equipment, determining specific gravity and Btu content of gas

Inspecting and testing equipment and instruments not specifically to determine necessity for repairs, including pulsation tests

Cleaning and lubricating equipment

**679. OTHER DISTRIBUTION OPERATION**

This account shall include the cost of labour, supplies and expenses incurred in the operation of other distribution facilities not includible elsewhere.

**GENERAL—OPERATION****684. COMMUNICATION**

This account shall include the cost of labour, supplies and expenses incurred in the operation of the facilities used wholly or predominantly in connection with the general communication system.

## EXAMPLES

Direct supervision

Inspecting, cleaning and lubricating equipment

Inspecting and cleaning buildings and other structures

Transferring mobile radios between vehicles

Refueling fuel tanks at station sites

Patrolling lines

Cutting grass and weeds, clearing brush, fallen trees and other debris, removing snow from access roads, station sites and structures

Supplies such as lubricants, wiping rags, charts, chemicals, hand tools, testing and other general equipment

Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, first aid supplies and landscaping supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

**685. SYSTEM OPERATION AND ENGINEERING**

This account shall include the cost of labour, supplies and expenses incurred at the general offices of the company for the operation and engineering of the gas system.

## EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other employees of the general operating and engineering departments

Travelling, subsistence, automotive and incidental expenses of employees

Office supplies and expenses such as stationery, printing, postage, maps, drawings, telephone, telegraph, light, heat and water

Rents, janitor services and supplies, upkeep of office space and maintenance of office equipment

NOTE A : Amounts of indirect operations chargeable to other accounts shall not be credited herein but shall be included in account No. 689, "General Operations Transferred (Credit)".

NOTE B : Field supervision shall be charged to the appropriate functional accounts.

#### 688. OTHER GENERAL OPERATIONS

This account shall include the cost of labour, supplies and expenses incurred in general operations and not includible elsewhere.

#### 689. GENERAL OPERATIONS TRANSFERRED (CREDIT)

This account shall be credited with general operations costs transferred to other accounts, such as costs transferred to overhead during construction.

### DISTRIBUTION SALES PROMOTION—OPERATION

#### 700. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general direction and supervision of sales activities, except merchandising, jobbing or contract work.

##### EXAMPLES

Salaries and wages of superintendents, supervisors, clerks, stenographers and other office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, maps, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office buildings and equipment

NOTE : Direct supervision of a specific activity such as advertising or demonstrating and selling shall be charged to the appropriate account.

#### 701. ADVERTISING

This account shall include the cost of labour, supplies and expenses incurred in advertising, which is designed to promote or retain the use of utility service.

##### EXAMPLES

Direct supervision  
Preparing advertising material for newspapers, periodicals, billboards, etc., and preparing and conducting motion pictures, radio and television programmes  
Preparing booklets, bulletins, etc., used in direct mail advertising  
Preparing window and other displays  
Investigating advertising agencies and media and conducting negotiations in connection with the placement and subject matter of sales advertising  
Fees and expenses of advertising agencies and commercial artists  
Postage on direct mail advertising

NOTE A : The cost of advertisements which set forth the value or advantages of company service without reference to specific appliances, or, if reference is made to appliances, invites the reader to purchase appliances from his dealer, or refers to appliances not carried for sale by the company, shall be considered advertising and charged to this account. However, advertisements which are limited to specific makes of appliances sold by the company and prices, terms, etc., thereof, without referring to the value or advantages of company service, shall be considered as merchandise advertising and the cost shall be charged to account No. 704, "Expense of Merchandising, Jobbing and Contract Work".

NOTE B : Advertisements which substantially mention or refer to the value or advantages of utility service, together with specific reference to makes of appliances sold by the utility and the price, terms, etc., thereof, and designed for the joint purpose of increasing the use of utility service and the sales of appliances, shall be considered as a combination advertisement and the costs shall be distributed between this account and account No. 704, "Expense of Merchandising, Jobbing and Contract Work", as appropriate, on the basis of the space, time or other proportionate factors.

NOTE C : Exclude from this account and charge to account No. 728, "Other General Expenses", the cost of publication of stockholder reports, dividend notices, bond redemption notices, financial statements and other notices of a general corporate character.

**702. DEMONSTRATION AND SELLING EXPENSE**

This account shall include the cost of labour, supplies and expenses incurred in demonstrating the use of gas for domestic use.

**EXAMPLES**

Direct supervision  
Demonstrating uses of company services  
Conducting cooking schools, preparing recipes, and related home service activities  
Exhibitions, displays, lectures and other programmes designed to promote use of company services  
Booth and temporary space rental

**703. REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK**

This account shall include all revenue derived from the sale of merchandise and jobbing or contract work.

**EXAMPLES**

Revenues from sale of merchandise and from jobbing and contract work  
Discounts and allowances made in settlement of bills for merchandise and jobbing work

**704. EXPENSE OF MERCHANDISING, JOBBING AND CONTRACT WORK**

This account shall include the cost of labour, supplies overhead and other expenses incurred in the selling of merchandise and of jobbing and contract work.

**EXAMPLES**

Direct supervision  
Demonstrating and selling activities in sales rooms  
Installing appliances on customer premises where such work is done only for purchasers of appliances from the company  
Installing pipe or other property work on a jobbing or contract basis  
Preparing advertising materials for appliance sales purposes  
Receiving and handling customer orders for merchandise or for jobbing services  
Maintaining display counters and other equipment used in merchandising  
Reconditioning repossessed appliances  
Cost of merchandise sold  
Advertising in newspapers, periodicals, radio and television when applicable to merchandising, jobbing and contract work

**709. OTHER SALES PROMOTION OPERATION**

This account shall include the cost of labour, supplies and expenses incurred in connection with sales activities, except merchandising, which are not includible elsewhere.

**DISTRIBUTION CUSTOMER ACCOUNTING—OPERATION****710. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the supervision and direction of the customer account and collecting activities.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses such as stationery, postage, maps, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office equipment, etc.

NOTE : Direct supervision of specific activities, such as, customer contracts, credit, collection, customer accounting, cashiers and meter reading, shall be charged to the appropriate account.

**711. CUSTOMERS' CONTRACTS AND ORDERS**

This account shall include the cost of labour, supplies and expenses incurred in work on customer applications and contracts.

## EXAMPLES

## Direct supervision

Receiving, preparing, recording and handling routine orders for service, disconnections, transfers or meter tests initiated by the customer

Receiving, recording and handling of enquiries, complaints and requests for investigations from customers, including preparation of necessary orders

Address plates and supplies

Postage

## 712. METER READING AND BILL DELIVERY

This account shall include the cost of labour, supplies and expenses incurred in reading customers' meters and delivering gas bills.

## EXAMPLES

## Direct supervision

Addressing forms for obtaining meter readings by mail

Changing and collecting meter charts used for billing purposes

Meter reading—small consumption, and obtaining load information for billing purposes

Collecting from prepayment meters when incidental to meter reading

Maintaining record of customers' keys

Badges, lamps and uniforms

Demand charts, meter books and binders and forms for recording readings, but not the cost of preparation

Postage and supplies used in obtaining meter readings by mail

## 713. CUSTOMERS' BILLING AND ACCOUNTING

This account shall include the cost of labour, supplies and expenses incurred in the accounting of, and the billing to, gas customers.

## EXAMPLES

## Direct supervision

Preparing billing data

Checking consumption shown by meter readers' reports where incidental to preparation of billing data

Preparing address plates and addressing bills and delinquent notices

Balancing customer accounts and controls

Preparing and periodically rewriting meter reading sheets

Determining consumption and computing estimated or average consumption

Address plates and supplies

Postage

## 714. CREDIT AND COLLECTION

This account shall include the cost of labour, supplies and expenses incurred in collecting and investigating customers' accounts.

## EXAMPLES

## Direct supervision

Receiving, refunding or applying customer deposits and maintaining customer deposit line extension, and other miscellaneous records

Collecting revenues, including collection from prepayment meters unless incidental to meter reading operations

Balancing collections, preparing collections for deposit and preparing cash reports

Checking customers' credit rating

Cash overages and shortages

Commissions or fees to others for collecting

## 718. UNCOLLECTIBLE ACCOUNTS

This account shall be charged with amounts sufficient to provide for, or to write off, losses from uncollectible accounts, applicable to gas distribution operations. Concurrent credits shall be made to account No. 145, "Allowance for Doubtful Accounts", or account No. 140, "Accounts Receivable—Trade", as applicable.

NOTE : A loss from uncollectible accounts applicable to other than gas distribution operations shall be charged to the appropriate account based on the nature of the expenditure.

## 719. OTHER CUSTOMER ACCOUNTING OPERATION

This account shall include the cost of labour, supplies and expenses incurred in customer accounting not includible elsewhere.

## ADMINISTRATIVE AND GENERAL—OPERATION

## 721. ADMINISTRATIVE EXPENSE

This account shall include the cost of salaries, supplies and expenses incurred in connection with the general administration of the company, which are assignable to specific executive, administrative and general departments and are not chargeable to a specific operating function.

## EXAMPLES

Salaries and wages of officers, executives and other employees  
Expenses of officers, executives and other employees, such as travelling, subsistence, automotive, club and professional dues and expenses, and other incidental expenses  
Office supplies and expenses, such as stationery, printing, postage, maps, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, upkeep of office building and office equipment

## 722. SPECIAL SERVICES

This account shall include the fees and expenses of professional consultants and others for general services not applicable to a particular operating function.

## EXAMPLES

Fees and expenses of auditors, accountants, appraisers, engineering consultants, management consultants, legal consultants, public relations and labour consultants, etc.  
Fees and expenses paid under contracts for general management services  
Pay and expenses of persons engaged for a special administrative or general purpose where the person so engaged is not considered as an employee of the company

NOTE : The cost of special services directly related to gas plant under construction shall be charged to the appropriate construction account.

## 723. INSURANCE

This account shall be charged with the monthly provisions for the cost of insurance to protect the company against losses and damages to owned or leased properties used in its operations.

## EXAMPLES

Fire, storm, burglary, boiler explosion, lightning, riot fidelity, etc.  
Public liability, casualty, property damage, employee liability, etc.

NOTE A : Premiums for insurance applicable to construction work shall be charged to construction directly, or by transfer from this account.

NOTE B : Premiums for insurance applicable to transportation equipment and other general equipment may be charged to the appropriate clearing account.

NOTE C : Premiums for group, life, medical, hospital, accident and sickness insurance shall not be included in this account but shall be charged to account No. 725, "Employee Benefits".

NOTE D : Recoveries from insurance shall be credited to the account charged with the damage or loss. If damaged property has been retired, credit shall be included in the appropriate accumulated depreciation account.

## 724. INJURIES AND DAMAGES

This account shall include all expenses (except legal expenses) incurred in settlement of injuries and damage claims, including losses not covered by insurance.

## EXAMPLES

Losses not covered by insurance on account of injuries to employees or others and damages to property of others  
Fees and expenses of claims of outside investigators and adjusters  
Payments of awards to claimants for court costs and legal services  
Medical and hospital service and other expenses of claimants

NOTE : Salaries or wages paid employees disabled by injury when off duty, after a reasonable length of time shall be charged to account No. 725, "Employee Benefits".

## 725. EMPLOYEE BENEFITS

This account shall include payments or contributions to provide pension in respect of past or current services of employees and amounts paid or contributed including expenses incurred for the relief or welfare of employees.

If the company has instituted a pension trust fund and/or a welfare fund the contributions shall be charged to this account and transferred to the fund.

If the company does not institute a pension or trust fund but makes provision for a reserve against pensions and/or welfare, the reserve accruals shall be charged to this account and credited to account No. 291, "Welfare and Pension Reserves".

## EXAMPLES

Payments to or on behalf of employees or pensioners, and to pension funds or to insurance companies for pension purposes  
 Payments for group and life insurance premiums  
 Payments for medical, hospital and other accident and sickness expenses, directly or to insurance companies or others  
 Payments to employees disabled by accident or sickness when off duty after a reasonable length of time  
 Savings plan contributions  
 Expenses in connection with educational, recreational and social activities for the benefit of employees

NOTE : Pension payments otherwise chargeable to this account in respect of employees previously engaged in non-gas operations shall be included in account No. 313, "Non-operating Expense". (See General Instructions, Section 3.)

## 728. OTHER ADMINISTRATIVE AND GENERAL EXPENSES.

This account shall include the expenses incurred in connection with the general management of the company not provided for elsewhere.

## EXAMPLES

Industry association dues for company memberships  
 Contributions for conventions and meetings of the industry  
 Contributions to the experimental and general research work of the industry, including scholarship and similar grants  
 Dividend and other financial notices  
 Printing and mailing dividend cheques  
 Regulatory commission expenses  
 Trustee, registrar, and transfer agents' fees and expenses  
 Stockholders' meeting expenses  
 Publishing and printing annual reports  
 Donations

## 729. ADMINISTRATIVE AND GENERAL EXPENSES TRANSFERRED (CREDIT)

This account shall be credited with the amounts of administrative and general expenses which are allocated to other accounts or to overhead charged to construction. The method and basis of allocation shall be maintained in subsidiary records.

## TEXT PERTAINING TO MAINTENANCE ACCOUNTS

The primary accounts included in this group of accounts are designed to show the costs of maintenance of gathering, products extraction, underground storage, transmission, distribution and other general facilities used in gas operations.

The total of these primary maintenance accounts is included in control account No. 302, "Maintenance Expense" and this account shall be closed into retained earnings account No. 350, "Balance Transferred from Income" at the end of each fiscal year.

## NATURAL GAS PRODUCTION AND GATHERING—MAINTENANCE

## 810. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of maintenance of natural gas production and gathering facilities.

## EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other office employees  
 Travelling, subsistence, automotive and incidental expenses of employees  
 Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
 Rents, janitor services and supplies, repairs to buildings and equipment

NOTE A : The items of cost to be included in this account may be initially charged to account No. 610, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

NOTE B : Direct supervision of specific activities such as maintenance of field lines, compressor stations, measuring and regulating stations shall be charged to the appropriate account.

#### 814. GAS WELLS

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of gas wells and equipment includible in account No. 406, "Producing Gas Wells—Well Drilling", account No. 407, "Producing Gas Wells—Well Equipment" and account No. 408, "Gas Well Structures".

#### 815. PIPE LINES

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of natural gas production and gathering system pipe lines and facilities.

##### EXAMPLES

Direct supervision

Repairs to and protection of right of way

Repairs to access roads

Repairs to fences, aerial markers and signs

Repairs to river crossings, including bridges

Repairs to valves, boxes, drips, scraper traps, chemical injectors, dehydrators and cathodic protection equipment

Repairs to tools, testing equipment and other general equipment

Repairs to buildings and other structures

Repairs to pipe and fittings, renewing and replacing in kind less than a unit of line pipe

Inspecting and testing after repairs have been made

Repainting

Material and supplies used in repair work

Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

NOTE : Payment of claims for damages to property of others resulting from maintenance work shall be charged to account No. 724, "Injuries and Damages". Incidental damages settled during the course of maintenance work shall be charged thereto.

#### 816. COMPRESSOR

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of natural gas production and gathering system compressor stations and facilities.

##### EXAMPLES

Direct supervision

Repairs to compressor engines, generators and other equipment

Repairs to tools, testing equipment and other general equipment

Inspecting and testing after repairs have been made

Repairs to station grounds, buildings and other structures

Repairs to access roads

Repairs to fences and signs

Repainting

Material and supplies used in repair work

Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

#### 817. MEASURING AND REGULATING

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of natural gas production and gathering system measuring and regulating facilities.

##### EXAMPLES

Direct supervision

Repairs to measuring and regulating and other equipment

Repairs to tools, testing equipment and other general equipment

Inspecting and testing after repairs have been made

Repairs to station grounds, buildings and other structures

Repairs to access roads

Repairs to fences and signs

Repainting

Material and supplies used in repair work

Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**818. PURIFICATION**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of natural gas production and gathering system purification facilities.

**EXAMPLES**

Direct supervision  
Repairs to purification equipment  
Repairs to tools, testing equipment and other equipment  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**819. OTHER NATURAL GAS PRODUCTION AND GATHERING MAINTENANCE**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other natural gas production and gathering facilities not includible elsewhere.

**PRODUCTS EXTRACTION—MAINTENANCE****820. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of maintenance of facilities used in the extraction and refining of saleable products from gas.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers, and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, repairs to structures and equipment

**NOTE A :** The items of cost to be included in this account may be initially charged to account No. 620, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

**NOTE B :** Direct supervision of specific activities such as power plant, extraction and refining units, laboratory and warehouse facilities shall be charged to account No. 821, "Extraction and Refining".

**821. EXTRACTION AND REFINING**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of products extraction and refining facilities.

**EXAMPLES**

Direct supervision  
Repairs to absorbers, stills, dehydrators, scrubbers, towers and condensers  
Repairs to boilers, generators, motors, pumps and valves  
Repairs to electrical, water and piping systems  
Repairs to overhead cranes, trolleys and hoists  
Repairs to plant grounds, fences, buildings, tanks and other structures  
Repairs to regulating and measuring instruments and equipment  
Repairs to tools, testing and other general equipment  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of materials, employee travelling and subsistence

**MANUFACTURED GAS PRODUCTION—MAINTENANCE****830. SUPERVISION**

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of maintenance of manufactured gas production facilities.

**EXAMPLES**

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, repairs to buildings and equipment

NOTE A : The items of cost to be included in this account may be initially charged to account No. 630, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

NOTE B : Direct supervision of specific activities such as maintenance of fuel and fuel handling, manufacture, gas holders, purification equipment and other manufactured gas production shall be charged to the appropriate account.

### 832. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of structures and improvements of manufactured gas production plant.

#### EXAMPLES

Direct supervision  
Repairs to buildings and other structures  
Repairs to fences, grounds, etc.  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

### 834. GAS HOLDERS—MANUFACTURING

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of gas holders used in manufacturing facilities.

#### EXAMPLES

Direct supervision  
Repairs to holders  
Painting holders  
Repairs to holder machinery  
Repairs to other holder equipment  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

### 838. PURIFICATION

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of purification equipment used in manufacturing facilities.

#### EXAMPLES

Direct supervision  
Repairs to purification equipment  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

### 839. OTHER MANUFACTURED GAS PRODUCTION MAINTENANCE

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other manufactured gas production facilities not includible elsewhere.

## LOCAL STORAGE—MAINTENANCE

### 840. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of maintenance of local storage facilities.

#### EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, repairs to structures and equipment

NOTE A : The items of cost to be included in this account may be initially charged to account No. 640, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

NOTE B : Direct supervision of specific activities such as maintenance of gas holders and other local storage shall be charged to the appropriate account.

#### 842. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of structures and improvements for local storage facilities.

##### EXAMPLES

Direct supervision  
Repairs to buildings  
Repairs to fences and signs  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

#### 844. GAS HOLDERS—STORAGE

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of gas holders used in local storage facilities.

##### EXAMPLES

Direct supervision  
Repairs to holders  
Painting holders  
Repairs to holder machinery  
Repairs to other holder equipment  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

#### 849. OTHER LOCAL STORAGE MAINTENANCE

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other local storage facilities not includible elsewhere.

### UNDERGROUND STORAGE—MAINTENANCE

#### 850. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of the maintenance of underground storage facilities.

##### EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, repairs to buildings and equipment

NOTE A : The items of cost to be included in this account may be initially charged to account No. 650, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

NOTE B : Direct supervision of specific activities such as exploration and development, maintenance of wells, field lines, compressor stations, measuring and regulating stations, purification equipment and other underground storage shall be charged to the appropriate account.

#### 853. WELLS

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of wells and facilities used for underground storage.

##### EXAMPLES

Direct supervision  
Repairs to well head equipment, tools and testing equipment  
Repairs to access roads, fences and signs  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**855. FIELD LINES**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of underground storage system field lines and facilities.

**EXAMPLES**

Direct supervision  
Repairs to and protection of right of way  
Repairs to access roads  
Repairs to fences, aerial markers, signs  
Repairs to river crossings including bridges  
Repairs to valves, boxes, drips, scraper traps, chemical injectors, dehydrators, cathodic protection equipment  
Repairs to tools, testing equipment and other general equipment  
Repairs to buildings and other structures  
Repairs to pipe and fittings, renewing and replacing in kind less than a unit of line pipe  
Inspecting and testing after repairs have been made  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**NOTE :** Payment of claims for damages to property of others resulting from maintenance work shall be charged to account No. 724, "Injuries and Damages". Incidental damages settled during the course of maintenance work shall be charged thereto.

**856. COMPRESSOR**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of underground storage system compressor stations and facilities.

**EXAMPLES**

Direct supervision  
Repairs to compressor engines, generators and other equipment  
Repairs to tools, testing equipment and other general equipment  
Inspecting and testing after repairs have been made  
Repairs to station grounds, buildings and other structures  
Repairs to access roads  
Repairs to fences and signs  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**857. MEASURING AND REGULATING**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of underground storage system measuring and regulating facilities.

**EXAMPLES**

Direct supervision  
Repairs to measuring, regulating and other equipment  
Repairs to tools, testing equipment and other general equipment  
Inspecting and testing after repairs have been made  
Repairs to station grounds, buildings and other structures  
Repairs to access roads  
Repairs to fences and signs  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**858. PURIFICATION**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of underground storage system purification facilities.

**EXAMPLES**

Direct supervision  
Changing charts on fuel meters  
Emptying, cleaning and refilling purifier boxes  
Oiling dip sheets of purifier covers  
Removing spent oxide to refuse piles  
Revivifying oxide

Taking readings of inlet and outlet pressures and temperature  
 Unloading and storing glycol  
 Watching station and equipment  
 Cutting grass and weeds, and minor grading around equipment and station  
 Hauling operating employees, materials, supplies and tools, etc.  
 Inspecting and testing equipment, not specifically to determine necessity for repairs or replacements of parts  
 Lubricating equipment, valves, etc.  
 Operating and checking equipment, valves, instruments, etc.  
 Supplies such as liquid purifying supplies, wiping rags, charts, chemicals, light bulbs, cleaning and washroom supplies, first aid supplies, hand tools and equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, light, heat, water, telephone, telegraph, rents, employee travelling and subsistence, employee housing

## 859. OTHER UNDERGROUND STORAGE MAINTENANCE

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other underground storage facilities not includible elsewhere.

### TRANSMISSION—MAINTENANCE

## 860. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred at a division, district or similar field office in the general supervision of the maintenance of the transmission system facilities.

#### EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
 Travelling, subsistence, automotive and incidental expenses of employees  
 Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
 Rents, janitor services and supplies, repairs to buildings and equipment

**NOTE A :** The items of cost to be included in this account may be initially charged to account No. 660, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

**NOTE B :** Direct supervision of specific activities such as maintenance of communication, pipe lines, compressor stations and measuring and regulating stations shall be charged to the appropriate account.

## 864. COMMUNICATION

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of facilities used wholly or predominantly in connection with the transmission communication system.

#### EXAMPLES

Direct supervision  
 Inspecting and testing after repairs have been made  
 Material and supplies used in repair work  
 Repainting  
 Repairs to access roads, station grounds, buildings and other structures  
 Repairs to fences and signs  
 Repairs to radio and telephone equipment and to power lines  
 Repairs to tools, testing equipment and other general equipment  
 Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of supplies, employee and travelling subsistence

**NOTE :** Maintenance costs applicable to the maintenance of facilities used wholly or predominantly in the general communications system shall be included in account No. 884, "Communication".

## 865. PIPE LINES

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of transmission system pipe lines and facilities.

## EXAMPLES

Direct supervision  
Repairs to and protection of right of way  
Repairs to access roads  
Repairs to fences, aerial markers, signs  
Repairs to river crossings including bridges  
Repairs to valves, boxes, drips, scraper traps, chemical injectors, dehydrators, cathodic protection equipment  
Repairs to tools, testing equipment and other general equipment  
Repairs to buildings and other structures  
Repairs to pipe and fittings, renewing and replacing in kind less than a unit of line pipe  
Inspecting and testing after repairs have been made  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

NOTE : Payment of claims for damages to property of others resulting from maintenance work shall be charged to account No. 724, "Injuries and Damages". Incidental damages settled during the course of maintenance work shall be charged thereto.

## 866. COMPRESSOR

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of transmission system compressor stations and facilities.

## EXAMPLES

Direct supervision  
Repairs to compressor engines, generators and other equipment  
Repairs to tools, testing equipment and other general equipment  
Inspecting and testing after repairs have been made  
Repairs to station grounds, buildings and other structures  
Repairs to access roads  
Repairs to fences and signs  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

## 867. MEASURING AND REGULATING

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of transmission system measuring and regulating stations and facilities.

## EXAMPLES

Direct supervision  
Repairs to measuring, regulating and other equipment  
Repairs to tools, testing equipment and other general equipment  
Inspecting and testing after repairs have been made  
Repairs to station grounds, buildings and other structures  
Repairs to access roads  
Repairs to fences and signs  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

## 869. OTHER TRANSMISSION MAINTENANCE

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other transmission facilities not includible elsewhere.

## DISTRIBUTION—MAINTENANCE

## 870. SUPERVISION

This account shall include the cost of labour, supplies and expenses incurred in the general supervision and direction of maintenance of the distribution system facilities.

## EXAMPLES

Salaries and wages of superintendents, supervisors, engineers, clerks, stenographers and other field office employees  
Travelling, subsistence, automotive and incidental expenses of employees  
Office supplies and expenses, such as stationery, postage, drawings, telephone, telegraph, light, heat and water  
Rents, janitor services and supplies, repairs to buildings and other structures and equipment

NOTE A : The items of cost to be included in this account may be initially charged to account No. 670, "Supervision", and apportioned between operation and maintenance supervision on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

NOTE B : Direct supervision of specific activities such as maintenance of equipment on customers' premises, mains and services, compressor stations, measuring and regulating stations, and meters shall be charged to the appropriate account.

## 872. STRUCTURES AND IMPROVEMENTS

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of structures and improvements for the distribution system.

### EXAMPLES

Direct supervision  
Repairs to buildings and other structures  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

## 874. MAINTENANCE OF EQUIPMENT ON CUSTOMERS' PREMISES

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of equipment owned by the company on customers' premises, such as automatic water heaters and conversion burners. See account No. 576, "Rent from Company Equipment on Customers' Premises".

### EXAMPLES

Direct supervision  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, transportation of material, employee travelling and subsistence

## 875. MAINS AND SERVICES

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of mains and services for the distribution system.

### EXAMPLES

Direct supervision  
Trenching, backfilling, etc.  
Locating leaks  
Repairing leaking joints  
Repairing broken mains or services  
Repacking valves  
Restoration of pavement and/or lawn  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

NOTE : Payment of claims for damages to property of others resulting from maintenance work shall be charged to account No. 724, "Injuries and Damages". Incidental damages settled during the course of maintenance work shall be charged thereto.

## 876. COMPRESSOR

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of compressors for the distribution system.

### EXAMPLES

Direct supervision  
Repairs to buildings and other structures  
Repairs to fences and signs  
Repairs to compressor equipment  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**877. MEASURING AND REGULATING**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of distribution system measuring and regulating facilities.

**EXAMPLES**

Direct supervision  
Repairs to buildings and structures  
Repairs to equipment  
Repairs to fences and signs  
Repairs to access roads  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**878. METERS**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of meters for the distribution system.

**EXAMPLES**

Direct supervision  
Inspecting and testing meters on customers' premises or in shops in connection with repairs  
Cleaning, repairing, and painting meters, and accessories and equipment  
Repairing testing equipment  
Rebuilding and overhauling meters without changing their rated capacities  
Replacing diaphragms, springs and other defective or worn parts  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**879. OTHER DISTRIBUTION MAINTENANCE**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of other distribution system facilities not includible elsewhere.

**GENERAL—MAINTENANCE****884. COMMUNICATION**

This account shall include the cost of labour, supplies and expenses incurred in the maintenance of facilities used wholly or predominantly in connection with the general communication system.

**EXAMPLES**

Direct supervision  
Repairs to radio and telephone equipment and to power lines  
Repairs to tools, testing equipment and other general equipment  
Inspecting and testing after repairs have been made  
Repairs to access roads, station grounds, buildings and other structures  
Repairs to fences and signs  
Repainting  
Material and supplies used in repair work  
Expenses such as use of automotive, trucking, aircraft and heavy work equipment, transportation of material, employee travelling and subsistence

**NOTE :** Maintenance costs applicable to the maintenance of facilities used wholly or predominantly in the transmission communication system shall be included in account No. 864, "Communication".

**885. SYSTEM MAINTENANCE AND ENGINEERING**

This account shall include the cost of labour, supplies and expenses incurred at the general offices of the company for the maintenance of the gas system.

**NOTE A :** The items of cost to be included in this account may be initially charged to account No. 685, "System Operation and Engineering", and apportioned between operation and maintenance on an equitable basis. The method and basis of allocation shall be maintained in subsidiary records.

**NOTE B :** Field supervision shall be charged to the appropriate functional accounts.

**888. OTHER GENERAL MAINTENANCE**

This account shall include the cost of labour, supplies and expenses incurred in the general maintenance of the gas system and facilities not provided for elsewhere.

**889. GENERAL MAINTENANCE TRANSFERRED (CREDIT)**

This account shall be credited with general maintenance costs transferred to other accounts, such as costs charged to overhead during construction.

**CLEARING ACCOUNTS****900. WAREHOUSE EXPENSE**

This account shall include expenses directly incurred in connection with handling and storing material in and distributing it from the company's warehouses, including the pay of employees in the field store departments and their travelling, office, and other expenses. The pay and expenses of men employed in inspecting a single class of material shall be added as store expenses to the cost of that particular material.

The total amount of warehouse expenses charged to this account shall be so distributed among the accounts to which material has been charged that the amounts thus distributed will be, for each account, in proportion to the value of the material consumed chargeable thereto. To avoid monthly fluctuations in the ratio of warehouse expenses to the value of material purchased or issued, the company may make a monthly apportionment on the basis of fair percentage rates, provided the warehouse expense account be adjusted and closed out at the end of each fiscal year.

The monthly balance in this account shall be included in account No. 179, "Other Deferred Charges".

**901. TRANSPORTATION EQUIPMENT EXPENSE**

This account shall include the expenses of maintaining and operating all transportation equipment, except as provided in account No. 903, "Aircraft Expense", including the expenses of operating garages.

This account shall be cleared by adding to the cost of the work performed through the use of such equipment such amounts as will distribute expenses equitably.

**EXAMPLES**

Depreciation (see note to account No. 303, "Depreciation")

Licence fees

Overages and shortages in material and supplies for transportation equipment

Repairs to transportation equipment

Supplies such as fuel, gasoline, oil, tires, tubes, tire chains, soap, waste, sponges, measures, funnels, electric power, etc., used in the operation of transportation equipment and garages

Supervisors and their office and field forces, including the pay and expenses of inspectors, testers, garage men, and other employees

**NOTE :** When depreciation is included herein, such amounts shall be readily identifiable.

**902. HEAVY WORK EQUIPMENT**

This account shall include the expenses of maintaining and operating of heavy work equipment.

This account shall be cleared by adding to the cost of the work performed through the use of such equipment such amounts as will distribute expenses equitably.

**EXAMPLES**

Depreciation (see note to account No. 303, "Depreciation")

Licence fees

Overages and shortages in material and supplies for heavy work equipment

Repairs to heavy work equipment

Supplies such as fuel, gasoline, oil, tires, tubes, tire chains, soap, waste, sponges, measures, funnels, electric power, etc., used in operation of heavy work equipment

Supervisors and their office and field forces, including the pay and expenses of inspectors, testers, garage men, and other employees

**NOTE :** When depreciation is included herein, such amounts shall be readily identifiable.

**903. AIRCRAFT EXPENSE**

This account shall include the expenses of maintaining and operating aircraft, including the expenses of operating hangars and maintenance shops, in connection with such aircraft.

This account shall be cleared by adding to the cost of the work performed through the use of aircraft such amounts as will distribute expenses equitably.

## EXAMPLES

Depreciation (see note to account No. 303, "Depreciation")

Licence fees

Overages and shortages in material and supplies for aircraft equipment

Repairs to aircraft equipment

Supplies such as fuel, gasoline, oil, tires, tubes, tire chains, soap, waste, sponges, measures, funnels, electric power, etc., used in the operation of aircraft equipment

Supervisors and their office and field forces, including the pay and expenses of inspectors, testers, garage men, and other employees

NOTE : When depreciation is included herein, such amounts shall be readily identifiable.

#### 904. PRINTING AND REPRODUCTION EXPENSE

This account may include the expenses incurred in the printing and reproduction of any documents where the work is performed by the company.

This account shall be cleared by adding to the cost of the work performed such amounts as will distribute expenses equitably.

R.R.O. 1970, Reg. 628, Sched.



## REGULATION 703

### under the Ontario Food Terminal Act

#### COMPOSITION AND PROCEDURE OF THE BOARD

##### MEETINGS

1. The Board shall be composed of seven members.  
R.R.O. 1970, Reg. 629, s. 1.

2. Meetings of the Board may be called at any time by the chairman or, in his absence, by the vice-chairman. R.R.O. 1970, Reg. 631, s. 1.

3. Notice of all meetings of the Board shall be given to the office of each member of the Board at least twenty-four hours before the meeting, but no notice is necessary when all members of the Board, either before or after the meeting, sign a waiver of notice. R.R.O. 1970, Reg. 631, s. 2.

4. Four members of the Board constitute a quorum at any meeting of the Board. R.R.O. 1970, Reg. 631, s. 3.

##### EXECUTION OF DOCUMENTS

5. All cheques, notes and orders for the payment of money shall be signed by,

(a) the chairman or such other member of the Board as the Board by resolution appoints for the purpose of signing; and

(b) the secretary, treasurer, manager or such other person as the Board by resolution appoints for the purpose of signing. R.R.O. 1970, Reg. 631, s. 4.

6. Contracts, documents and instruments in writing requiring execution by the Board may be signed by the chairman and the secretary, or the Board by resolution may appoint two persons, at least one of whom shall be a member of the Board, to sign contracts, documents and instruments in writing. R.R.O. 1970, Reg. 631, s. 5.

7. The seal of the Board shall be in the form of two concentric circles with the words "Ontario Food Terminal Board" inserted in the space between the two circles, and when used shall be authenticated as provided by section 6. R.R.O. 1970, Reg. 631, s. 6.

##### OFFICERS

8.—(1) There shall be a secretary of the Board.

(2) There shall be a treasurer of the Board.

(3) The same person may be appointed secretary and treasurer. R.R.O. 1970, Reg. 631, s. 7.

9. The manager shall,

(a) enforce the Act and this Regulation and the rules made by the Board with respect to the operation of the Terminal; and

(b) make a report to the Board at each meeting of the Board showing,

(i) all alleged violations of the Act, this Regulation and the rules made by the Board, since the date of the meeting last held by the Board,

(ii) all accidents occurring at the Terminal reported to him since the date of the meeting last held by the Board,

(iii) particulars of changes in the tenancies at the Terminal,

(iv) all other matters that he deems to be of interest to the Board, and

(v) any other matter on which the Board or any member thereof requests a report or information.  
R.R.O. 1970, Reg. 631, s. 8.

10. The secretary shall,

(a) attend all meetings of the Board and keep true minutes thereof;

(b) conduct the correspondence of the Board;

(c) keep a record of all business transactions of the Board;

(d) assist the chairman and vice-chairman in carrying out their duties; and

(e) carry out such further duties as are assigned to him by the Board. R.R.O. 1970, Reg. 631, s. 9.

11. The treasurer shall,

(a) receive all moneys paid to the Board and forthwith deposit them to the credit of the Board in a chartered bank or in a branch of The Province of Ontario Savings Office, as the Board may by resolution direct;

- (b) keep the securities of the Board in safe custody;
- (c) keep or cause to be kept proper books of account and make or cause to be made therein entries of all receipts and expenditures of the Board;
- (d) prepare the annual financial statement of the Board; and

- (e) prepare reports showing the financial position of the Board, as the Board from time to time directs. R.R.O. 1970, Reg. 631, s. 10.

12.—(1) The treasurer shall be bonded by a bond of a guarantee company approved under the *Guarantee Companies Securities Act* in an amount satisfactory to the Board.

(2) The Board shall pay the cost of the bond. R.R.O. 1970, Reg. 631, s. 11.

## REGULATION 704

under the Ontario Food Terminal Act

### CONDUCT OF BUSINESS

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "buyer" means a person, other than a wholesaler, who buys fruit and produce from a wholesaler and includes an employee or agent acting on behalf of such a person;
- (b) "buyers' court" means the court-yard of the Food Terminal Building;
- (c) "cold-storage section" means that part of the Food Terminal Building used for cold storage purposes;
- (d) "Farmers' Market" means that part of the Terminal where growers of or dealers in fruit and produce sell by wholesale to retailers and jobbers;
- (e) "Food Terminal Building" means the building at the Terminal that is used for the handling, processing, storing and selling by wholesale, of fruit and produce;
- (f) "holiday" means New Year's Day, Good Friday, Victoria Day, Dominion Day, the first Monday in August, Labour Day, Thanksgiving Day, Christmas Day and the 26th day of December;
- (g) "officer" means,
  - (i) an officer, constable or other person appointed by the manager, subject to the approval of the Board, to enforce this Regulation,
  - (ii) a member of the Metropolitan Toronto Police Force, and
  - (iii) a member of the Ontario Provincial Police Force;
- (h) "truck" means a commercial motor vehicle as defined in the *Highway Traffic Act*;
- (i) "vehicle" means a vehicle as defined in the *Highway Traffic Act*;
- (j) "wholesaler" means a tenant who rents warehouse space in the Food Terminal Building from the Board and includes his employees and sub-tenants. R.R.O. 1970, Reg. 630, s. 1; O. Reg. 88/80, s. 1.

### OPERATION OF VEHICLES

2. For the purpose of controlling and directing vehicular traffic, the manager may erect traffic signs within the Terminal or cause such signs to be erected thereon or painted on the roadways therein in respect of,

- (a) the direction of flow of traffic;
- (b) subject to section 3, rates of speed;
- (c) the parking of vehicles or any class or classes thereof; and
- (d) the stopping of vehicles at the approach to any roadway within the Terminal. R.R.O. 1970, Reg. 630, s. 2.

3. No person shall drive, or cause to be driven, a vehicle within the Terminal at a rate of speed in excess of 15 kilometres per hour. O. Reg. 88/80, s. 2.

4.—(1) Every person driving a vehicle within the Terminal shall obey all traffic signs,

- (a) erected thereon; or
- (b) painted on roadways therein.

(2) Where a traffic sign bearing the word "STOP" is erected at the approach to a roadway within the Terminal, every person driving a vehicle, on approaching that roadway, shall bring the vehicle to a full stop immediately before proceeding into the roadway. R.R.O. 1970, Reg. 630, s. 4.

5. No person shall park or stand a vehicle within the Terminal,

- (a) in a position or place that prevents or is likely to prevent the free and convenient movement of vehicles within the premises; or
- (b) in any prohibited area. R.R.O. 1970, Reg. 630, s. 5.

6.—(1) An officer may direct traffic within the Terminal and in cases of fire, accident, traffic congestion or other emergency, may direct it into such channels as are necessary to prevent or relieve congestion or give right of way.

(2) Every person shall obey any direction given under subsection (1). R.R.O. 1970, Reg. 630, s. 6.

7. Subject to sections 5 and 6, no person shall operate, or park, or stand, a bicycle or vehicle within the Terminal except upon roadways or other places designated for operating or parking bicycles or vehicles. R.R.O. 1970, Reg. 630, s. 7.

8. No person, other than an officer, may obstruct any person having business within the Terminal from travelling by bicycle or vehicle along or upon roadways or other places designated for travelling by bicycle or vehicle. R.R.O. 1970, Reg. 630, s. 8.

9. When so directed by an officer, every person in charge of a vehicle within the Terminal shall drive the vehicle, or cause it to be driven,

- (a) to a parking area permitted for the vehicle under this Regulation;
- (b) to a place designated by the officer; or
- (c) from the Terminal. R.R.O. 1970, Reg. 630, s. 9.

10. No person shall operate a vehicle within the Terminal unless he is,

- (a) the holder of a driver's licence issued under the *Highway Traffic Act*; or
- (b) exempted from holding a driver's licence or operator's licence under section 20 of the *Highway Traffic Act*. R.R.O. 1970, Reg. 630, s. 10, *revised*.

11. No person shall drive a vehicle within the Terminal without due care and attention or without reasonable consideration for other persons using the Terminal. R.R.O. 1970, Reg. 630, s. 11.

12. No person shall drive or operate or permit the driving or operation within the Terminal of a vehicle that is,

- (a) in such a dangerous or unsafe condition as to endanger the driver or operator or any occupant thereof, or any person within the Terminal; and
- (b) not licensed under the *Highway Traffic Act*. R.R.O. 1970, Reg. 630, s. 12.

#### PARKING IN DESIGNATED AREAS

13.—(1) The manager may erect or cause to be erected, within the Terminal, signs designating any area within the Terminal as,

- (a) a parking area for automobiles;
- (b) a parking area for trucks; or
- (c) a reserved parking area for automobiles or trucks.

(2) The manager may assign to any person a parking space within a reserved parking area for automobiles or trucks.

(3) No person shall,

- (a) park any vehicle other than an automobile; or
- (b) park an automobile for a period of time longer than twenty-four hours,

in an area designated as a parking area for automobiles.

(4) No person shall,

- (a) park any vehicle other than a truck; or
- (b) park a truck for a period of time longer than twenty-four hours,

in an area designated as a parking area for trucks. R.R.O. 1970, Reg. 630, s. 13 (1-4).

(5) Where the manager has assigned a parking space under subsection (2), he may issue a numbered decalcomania to the person to whom the parking space has been assigned.

(6) No person to whom a decalcomania has been issued under subsection (5) shall park any vehicle in a reserved parking area for automobiles or trucks unless the decalcomania is affixed to the lower right-hand corner of the windshield of the vehicle. R.R.O. 1970, Reg. 630, s. 13 (6, 7).

14.—(1) No person shall park or stand an automobile or truck at the rear dock of a wholesaler or at the dock of the cold-storage section except during the period of the actual loading or unloading of the automobile or truck.

(2) In subsection (1), "rear dock" means a dock of a wholesaler other than a loading dock in the buyers' court.

(3) No person shall park an automobile or truck backed to a dock in the buyers' court other than for such period of time as may reasonably be required for the loading or unloading of the automobile or truck with fruit and produce.

(4) Except in the case of a wholesaler transferring fruit and produce to another wholesaler or to a buyer, no person shall transfer fruit and produce from one vehicle to another on the Terminal property other than in the Farmers' Market section.

(5) No person shall transfer fruit and produce in the buyers' court prior to 1 p.m. on regular market days, other than a wholesaler transferring produce from his warehouse to a buyer. R.R.O. 1970, Reg. 630, s. 14 (1-5).

(6) Subject to subsections (7) and (8), no person other than a buyer shall park a vehicle in the buyers' court.

(7) No person shall park a vehicle in the buyers' court between the hours of 4.00 p.m. and 7.00 p.m., local time.

(8) No person shall park a vehicle in the buyers' court between the hours of 4.00 p.m. on any Friday and 12.00 noon on the following Saturday, local time. O. Reg. 88/80, s. 4 (2).

(9) No person shall park, store or leave or cause or permit to be parked, stored or left in any part of the Terminal other than within a building, any vehicle that is wholly or partly dismantled, wrecked or otherwise inoperative or, in the case of a motor vehicle, trailer or conversion unit, is not currently registered under section 7 of the *Highway Traffic Act*. O. Reg. 390/71, s. 10.

#### ACCIDENTS

15. Every driver of a vehicle involved in an accident causing personal injury or property damage on the premises shall immediately notify an officer or the manager of the accident. R.R.O. 1970, Reg. 630, s. 15.

#### SELLING BY WHOLESALE ONLY

16. No person shall sell or offer for sale fruit and produce at the Terminal in any manner other than by wholesale. R.R.O. 1970, Reg. 630, s. 16.

17. Except as authorized by the Board, no person shall sell or offer for sale at the Terminal any goods, wares or merchandise, other than fruit and produce. R.R.O. 1970, Reg. 630, s. 17.

18. No person other than a tenant shall sell or offer for sale at the Terminal any goods, wares or merchandise. R.R.O. 1970, Reg. 630, s. 18.

#### HOURS OF OPERATION

19.—(1) Subject to subsections (2), (3), (4) and (5) the Terminal shall be open for selling fruit and produce every day from 6.45 to 2.00 p.m., local time.

(2) For eight weeks commencing on the Monday preceding the 30th day of September, the Terminal shall remain open for selling grapes on each day that the Terminal is prescribed to be open under subsection (1), until 8.00 p.m., local time. O. Reg. 88/80, s. 5.

(3) The Terminal shall not be open for selling fruit and produce on a Sunday or holiday.

(4) The Terminal, other than the Farmers' Market section thereof, shall not be open for selling fruit and produce on a Saturday.

(5) The Farmers' Market section of the Terminal shall not be open for selling fruit and produce on a Saturday in November, December, January, February, March and April and the first Saturday in May. R.R.O. 1970, Reg. 630, s. 19 (3-5).

#### ENTRY TO THE TERMINAL

20.—(1) Subject to subsection (2), no buyer shall enter the Food Terminal Building, the Farmers' Market, the docks facing the buyers' court or the rear docks, except the dock in front of the cold storage section, the buyers' court restaurants and the docks at the west end of the Food Terminal Building, on any day,

(a) before the time of opening for selling prescribed in section 19; or

(b) later than one hour after the time of closing for selling prescribed in section 19. O. Reg. 88/80, s. 6.

(2) A buyer may enter or remain in the Terminal under a permit from the manager for a time stated therein, but no permit to enter the Terminal shall be required when the Terminal is open as prescribed in section 19.

(3) A permit shall be in Form 1. R.R.O. 1970, Reg. 630, s. 20 (2, 3).

21. Subject to section 22, a person may enter the Terminal at any time for the purpose of,

(a) delivering fruit and produce at premises of tenants in the Terminal; or

(b) loading or unloading fruit and produce at the cold-storage section. R.R.O. 1970, Reg. 630, s. 21.

22. No fruit and produce from the cold-storage section shall be released on a Saturday, Sunday or holiday to any person, other than a tenant in the Farmers' Market section or a wholesaler. R.R.O. 1970, Reg. 630, s. 22.

23.—(1) Subject to subsection (2), no tenant of the Board shall make delivery from the Terminal of fruit and produce at any time on any day other than the time during which the Terminal is open as prescribed in section 19 and during a period of two hours immediately following the time of closing on that day.

(2) Under a permit from the manager in Form 1, a tenant of the Board may make delivery from the Terminal of fruit and produce at times other than the times permitted under subsection (1). R.R.O. 1970, Reg. 630, s. 23.

24. No tenant in the Farmers' Market section shall receive fruit and produce at his stall other than from a vehicle owned or leased by him. R.R.O. 1970, Reg. 630, s. 24.

25. No person shall enter the Terminal from Parklawn Road without the permission of the manager. O. Reg. 88/80, s. 7.

26. Without the permission of the manager no person shall enter the Terminal from The Queensway on any day when the entrance is barricaded. R.R.O. 1970, Reg. 630, s. 26.

#### DAMAGE TO PROPERTY

27.—(1) No person shall,

- (a) damage in any manner; or
- (b) mark or deface,

any property of the Board.

(2) No person shall,

- (a) misuse corridors, washrooms or other public parts of the Food Terminal Building;
- (b) create a nuisance in the Terminal;
- (c) remove or damage or interfere with any barricade or traffic sign in the Terminal;
- (d) climb, remove or damage any fence in the Terminal; or
- (e) interfere with the use or operation of any gates, locks, equipment or supplies of the Board.

(3) No person shall,

- (a) throw or dump, or cause to be thrown or dumped, any refuse, any fruit and produce, or any fruit and produce containers; or

- (b) litter the premises with any material,

in the Terminal.

(4) No person shall permit a dog, horse or other animal to be in the Terminal. R.R.O. 1970, Reg. 630, s. 27.

#### PREMISES OF WHOLESALERS

28.—(1) Every wholesaler shall use for garbage and refuse only metal garbage carts rented to him by the Board and shall keep, at all times, a sufficient number of such carts to contain all the garbage and refuse on that part of the Terminal of which he is the tenant.

O. Reg. 88/80, s. 8.

(2) Every wholesaler shall place all garbage and refuse on his premises in containers. R.R.O. 1970, Reg. 630, s. 28 (2).

29. No wholesaler shall permit any unsanitary condition to exist on his premises. R.R.O. 1970, Reg. 630, s. 29.

#### EQUIPMENT ON PREMISES

30. No person shall maintain, operate or allow to be operated on the premises,

- (a) hand trucks, tow motors or other equipment having iron or steel wheels in contact with; or

- (b) any equipment that may deface or damage,

the floors or docks of the Food Terminal Building. R.R.O. 1970, Reg. 630, s. 30.

#### STORAGE AND DISPLAY ON DOCKS

31. No person shall use the docks of the Food Terminal Building for storage beyond a distance of 120 centimetres from the wall of the building. O. Reg. 88/80, s. 9, *part*.

32. Notwithstanding section 31, no person shall use any of the docks in the buyers' court for the purposes of storage. O. Reg. 88/80, s. 9, *part*.

33. Where a property line on the docks in the buyers' court marks the limits of premises leased by the tenants, no tenant shall keep for sale or display any merchandise on a dock other than that part of the dock located on the side of the property line next to his premises. R.R.O. 1970, Reg. 630, s. 33.

#### Form 1

##### *Ontario Food Terminal Act*

#### PERMIT TO ENTER AND REMAIN IN, OR MAKE DELIVERIES FROM, THE TERMINAL

Under the *Ontario Food Terminal Act* and the regulations thereunder and subject to the limitations thereof, this permit is issued to

.....  
(name)

to enter and remain in the Terminal, or for the purpose of making delivery of fruit and produce

from the Terminal during the time from .....

to ..... on the ..... day of .....

19....

Dated the ..... day of ....., 19....

.....  
Manager of Terminal

R.R.O. 1970, Reg. 630, Form 1.

REGULATION 705

under the Ontario Food Terminal Act

RENTAL FEES FOR DELIVERING OR DISCHARGING PRODUCE

1.—(1) Subject to subsection (2), the operator of every vehicle entering the Terminal for the purpose of delivering or discharging of produce shall be deemed to require the rental of space in respect thereof and shall pay a rental fee therefor to the Board in accordance with the following Table:

TABLE

Item	Class of Vehicle	Rental Fee
1	Vehicles with Single Rear Wheels .....	\$ .50
2	Vehicles with Dual Rear Wheels .....	\$1.00
3	Vehicles with Dual Rear Axles .....	\$3.00
4	Tractor Trailers .....	\$5.00

- (2) Subsection (1) does not apply to,
- (a) a tenant in the Food Terminal Building or his employees or sub-tenants, when the vehicle is not a truck;
  - (b) a tenant in the Food Terminal Building or his employees or sub-tenants, when the vehicle is a truck and does not contain fruit or produce;
  - (c) an employee of the Board; or
  - (d) a tenant in the Farmers' Market who is an annual stallholder. O. Reg. 180/72, s. 1.





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.....  
DATE.....  
SIGNATURE

IMPORTANT: Two copies of this form must be completed.

SEND ONE COPY BY REGISTERED MAIL TO:

The Minister of Revenue,  
Ministry of Revenue,  
Guaranteed Income and Tax Credit Branch,  
Queen's Park,  
Toronto, Ontario,  
M7A 1X8

SEND ONE COPY BY REGISTERED MAIL TO:

The Chairman,  
The Social Assistance Review Board,  
Ministry of Community and Social Services,  
Room M1-56,  
Queen's Park,  
Toronto, Ontario,  
M7A 1E9

PLEASE SEE REVERSE SIDE
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The appeal procedure set out in section 9 of the *Ontario Guaranteed Annual Income Act* requires the following steps to be taken if you are not satisfied with the determination, direction or decision made by the Minister or his official, and wish to appeal.

1. An appeal is commenced by serving the Minister of Revenue and the Chairman of the Social Assistance Review Board with this Notice of Appeal form setting out your reasons for appeal along with the supporting facts.
2. The Minister will serve his Reply upon you within sixty days of receiving your Notice of Appeal.
3. The Minister will send a copy of his Reply to the Chairman of the Social Assistance Review Board who will, in turn, set a time and place for the hearing and notify you.
4. The appeal will follow the rules and procedures set out under sections 11, 12 and 13 of the *Ministry of Community and Social Services Act*, and any decision made at that time will be binding.

NOTE: No appeal may be commenced later than sixty days after your notification in writing of entitlement, non-entitlement, reduction in entitlement, cancellation or suspension. O. Reg. 6/75, Form 1.

## REGULATION 707

### under the Ontario Guaranteed Annual Income Act

#### GENERAL

1.—(1) For the purposes of the Act and the regulations "private pension income" means the aggregate of amounts received as,

- (a) annuity payments; and
- (b) superannuation or pension payments other than,
  - (i) an increment received pursuant to the Act,
  - (ii) a pension or supplement received pursuant to the *Old Age Security Act* (Canada) or any similar payment received pursuant to a law of a provincial legislature,
  - (iii) a benefit under the *Canada Pension Plan*, and
  - (iv) a benefit under a provincial pension plan as defined in the *Canada Pension Plan*. O. Reg. 748/74, s. 1.

(2) In the calculation of the income for the base calendar year of any applicant or beneficiary under the Act, there shall be excluded any amount paid as a spouse's allowance pursuant to Part II.1 of the *Old Age Security Act* (Canada). O. Reg. 1019/75, s. 1.

2.—(1) For the purpose of enabling the Minister to consider the eligibility of an applicant in respect of age, there shall be furnished by the applicant or on his behalf a certificate of the applicant's birth or of his baptism.

(2) Where the Minister is satisfied that an applicant is unable to furnish either of the certificates referred to in subsection (1), there shall be furnished by the applicant or on his behalf such documentary or other evidence as may be obtainable from which the applicant's age may be determined.

(3) Where the Minister is unable to obtain satisfactory evidence of an applicant's age pursuant to subsection (1) or (2), he may, subject to subsection 67 (3) of Regulation 942 of Revised Regulations of Ontario, 1980 made under the *Vital Statistics Act*, receive information from the records in the office of the Registrar General. O. Reg. 748/74, s. 3.

3. For the purpose of enabling the Minister to determine the eligibility of an applicant in respect

of residence in Ontario or Canada there shall be furnished by the applicant or on his behalf a statement giving full particulars of all periods of residence in Ontario or Canada and of all absences therefrom relevant to such eligibility. O. Reg. 748/74, s. 4.

4.—(1) Any interval of absence from Ontario of a person that is,

- (a) of a temporary nature and does not exceed twelve consecutive months;
- (b) for the purpose of attending school or university; or
- (c) set out in subsection (2),

shall be deemed not to have interrupted that person's residence in Ontario. O. Reg. 748/74, s. 5 (1); O. Reg. 1017/76, s. 2 (1).

(2) The absences from Ontario referred to in clause (1) (c) of a person residing in Ontario are absences,

- (a) while employed out of Ontario,
  - (i) by the United Nations or one of its specialized agencies,
  - (ii) by the North Atlantic Treaty Organization,
  - (iii) by the Commonwealth Secretariat,
  - (iv) by the Organization of Economic Co-operation and Development,
  - (v) by l'Agence de coopération culturelle et technique, or
  - (vi) by a Canadian firm or Canadian corporation as a representative or member thereof,

if during his employment out of Ontario he,

- (vii) had in Ontario a permanent place of abode to which he intended to return, or
- (viii) maintained in Ontario a self-contained domestic establishment,

and where he either,

- (ix) returned to Ontario at the end of his employment out of Ontario; or
  - (x) attained, while employed out of Ontario, an age at which he was entitled to be paid an increment under the Act;
- (b) while employed or engaged,
- (i) as an employee of the Government of Canada or of the government or a municipal corporation of any province of Canada,
  - (ii) as a person performing services in another country under a development or assistance program that is sponsored or operated in that country by the Government of Canada or of a province of Canada or by a non-profit Canadian agency,
  - (iii) as a member of the Canadian Forces, pursuant to and in connection with the requirements of his duties,
  - (iv) as a person engaged in work for Canada connected with the prosecution of any war,
  - (v) as a member of the armed forces of any ally of Canada during any war,
  - (vi) as a missionary with any religious group or organization,
  - (vii) as a worker in lumbering, harvesting, fishing or other seasonal employment,
  - (viii) as a person employed as a transport worker or in similar employment on trains, aircraft, ships or buses running between Ontario and points outside Ontario, or
  - (ix) as an employee, member or an officer of an international charitable organization,
- where he either,
- (x) returned to Ontario at the end of such period of employment or engagement out of Ontario, or
  - (xi) attained, while so employed or engaged out of Ontario, an age at which he was entitled to be paid an increment under the Act;
- (c) as a married person accompanying his spouse while he was absent from Ontario in any of the circumstances specified in clause (a) or (b), where,
- (i) he returned to Ontario either before or at the end of such period of absence of his spouse or within a reasonable time after the death of his spouse if his spouse died while so absent from Ontario, or
  - (ii) he attained, while they were so absent, an age at which he was entitled to be paid an increment under the Act; or
- (d) while awaiting transportation to Ontario during or immediately following World War II, if,
- (i) he was unable to return to Ontario due to the dislocation of transportation facilities, and
  - (ii) he returned to Ontario when transportation became available.
- (3) For the purposes of the Act, where it is necessary to determine an applicant's residence in Canada or some part of Canada other than Ontario, the preceding provisions of this section shall read as if the references therein to "Ontario" were references to "Canada".
- (4) For the purposes of the Act, residence and presence in Newfoundland prior to the date of union of that province with Canada is deemed to be residence and presence in Canada. O. Reg. 748/74, s. 5 (2-4).
- (5) Subject to subsections (1), (2), (3) and (4), except for clause (1) (a), where a person applies for an increment for the first time after the 6th day of April, 1976 and establishes to the satisfaction of the Minister that,
- (a) as of the 6th day of April, 1976, the applicant could have, had he then applied, met all of the requirements of age and residence set out in clause 1 (h) of the Act as it existed on the 6th day of April, 1976; and
  - (b) during the year immediately preceding the day on which the application is made, the applicant was not absent from Ontario for more than six consecutive months,
- no absence of the applicant from Ontario or Canada within the period commencing on the 7th day of April, 1976 and ending with the day immediately preceding the day that is one year before the day his application is made shall be considered by the Minister to have interrupted the applicant's residence in that part of Canada where he had fixed his permanent place of residence immediately before such absence commenced, and where the Minister is satisfied that an applicant was eligible for an increment on the 6th day of April, 1976, except for the applicant's failure to apply therefor by that

date, the Minister may, to the extent authorized by subsection 5 (1) of the Act, approve the payment of an increment to the applicant. O. Reg. 1017/76, s. 2 (2).

5.—(1) Where an applicant or a beneficiary has absented himself from Ontario for a period in excess of one month, he shall forthwith give notice thereof to the Minister and within one month of his return to Ontario shall notify the Minister of his return.

(2) Where an applicant for an increment or a beneficiary is convicted of an offence and sentenced to a term of imprisonment exceeding ninety days, he shall upon the commencement of such imprisonment, notify the Minister thereof and within one month after his release from such imprisonment he shall notify the Minister of his release.

(3) An applicant or a beneficiary shall notify the Minister of the address to which his increment shall be sent and in the event of any change of such address shall forthwith notify the Minister of such change. O. Reg. 748/74, s. 6.

6.—(1) Where a person or agency provides evidence satisfactory to the Minister that a beneficiary by reason of infirmity, illness, insanity or other cause is incapable of managing his own affairs, the Minister may direct the increment to be paid on behalf of such beneficiary to any person or agency whom the Minister may appoint for the purpose and who has entered into an agreement with the Minister to administer and expend the increment on behalf of such beneficiary in accordance with the terms of the agreement.

(2) The Minister shall furnish to a person or agency appointed under subsection (1) to receive an increment such directions regarding the administration and expenditure of the increment as the Minister considers in the best interests of the beneficiary.

(3) A person or agency appointed under subsection (1) shall account for the increment payments received and the disbursements made, the account to be in such form and to be made at such times as the Minister may require.

(4) Where an increment is paid to any person or agency to be administered and expended for or on behalf of a beneficiary or applicant, the notices required by section 6 shall be given by such person or agency. O. Reg. 748/74, s. 7.

7.—(1) The Minister shall suspend the payment of an increment in respect of any beneficiary where it appears to him that the beneficiary is not entitled to the payment of the increment and may suspend the payment where it appears to him that further inquiry into the entitlement of the beneficiary is necessary, and such suspension shall continue until evidence satisfactory to the Minister is given that the beneficiary is entitled to the increment.

(2) Where payment of an increment that has been suspended under subsection (1) is resumed, the Minister shall cause payment of the increment to be made for any portion of the period of suspension during which the beneficiary was entitled to an increment. O. Reg. 748/74, s. 8.

8.—(1) The Deputy Minister of Revenue may exercise the powers and duties of the Minister under the following provisions of the Act:

(a) subsection 6 (7); and

(b) subsection 9 (2). O. Reg. 905/75, s. 1, *part.*

(2) The officer in the Ministry of Revenue holding the position of Assistant Deputy Minister, Tax Revenue may exercise the powers and duties of the Minister under the following provisions of the Act,

(a) subsection 6 (7);

(b) subsection 7 (4); and

(c) subsections 13 (1) and (2). O. Reg. 479/80, s. 1.

(3) The officers in the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue holding the positions of Director and Manager, Operations may exercise the powers and duties of the Minister under the following provisions of the Act:

(a) subsection 6 (7);

(b) subsections 7 (3) and (4);

(c) subsections 13 (1) and (2); and

(d) section 15.

(4) The officer in the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue holding the position of Manager, Benefits Control may exercise the powers and duties of the Minister under the following provisions of the Act:

(a) subsections 7 (3) and (4); and

(b) section 15.

(5) The officers in the Ministry of Revenue holding the positions of Director of the Legal Services Branch and Director of the Special Investigations Branch may exercise the powers and duties of the Minister under the following provisions of the Act:

section 15. O. Reg. 905/75, s. 1, *part.*

9. Subject to the approval of the Minister of National Health and Welfare of the Government of Canada, the following class of persons is prescribed for the purposes of subsection 11 (2) of the Act:

Any officer or employee of the Ministry of Health. O. Reg. 748/74, s. 10.



## REGULATION 708

under the Ontario Guaranteed Annual Income Act

### GUARANTEED INCOME LIMIT

1. Commencing with the month of January, 1981 the guaranteed income limit is,
    - (a) in the case of a beneficiary who is described in any of subclauses 1 (d) (i), (iv) or (vi) of the Act, or who is described in subclause 1 (d) (iii) of the Act and is married to a spouse who is not entitled to receive a spouse's allowance authorized to be paid under Part II.I of the *Old Age Security Act* (Canada), the amount of \$5,447.52;
    - (b) in the case of a beneficiary who is described in either subclause 1 (d) (ii) or (v) of the Act, the amount of \$5,117.52;
    - (c) in the case of a beneficiary described in subclause 1 (d) (iii) of the Act and who is married to a spouse who is entitled to receive a spouse's allowance authorized to be paid under Part II.I of the *Old Age Security Act* (Canada), the amount of \$4,889.88; and
    - (d) in the case of a beneficiary described in subclause 1 (d) (vii) of the Act, the amount of \$10,235.04.
- O. Reg. 1094/80, s. 1.



## REGULATION 709

under the Ontario Heritage Act

### ARCHAEOLOGICAL SITES

1. The lands described in a Schedule are designated as an archaeological site. R.R.O. 1970, Reg. 53, s. 1.

#### Schedule 1

##### FORGET ARCHAEOLOGICAL SITE

That part of Lot 91 in the First Concession of the Township of Tay in the County of Simcoe, lying westerly of a line that is parallel to and distant easterly 192 rods and 12 feet measured at right angles from the said westerly limit; but excepting thereout the parcel at the southeast corner of that part of the above-described parcel lying north of and fronting 24 rods on the township road across the said lot, as described in an instrument registered in the registry office for the Registry Division of Simcoe as No. 18260; and further excepting the said township road. R.R.O. 1970, Reg. 53, Sched. 1.

#### Schedule 2

##### THE SHEGUIANDAH ARCHAEOLOGICAL SITE

1. In the Township of Howland and the Townplot of Sheguiandah, in the Territorial District of Manitoulin, being,

i. part of,

A. Lot 1 in Concession I, and

B. Lot 1 in Concession XI,

in the Township of Howland; and

ii. park lots 1, 2, 3, 4, 5 and 6 on the north side of Campbell Street, and

iii. lots 15 to 24, both inclusive, on the south side of Campbell Street, and

iv. parts of park lots 7 and 8 on the south side of Campbell Street, and

v. part of Mill Site No. III, and

vi. parts of Vankoughnet Street, Campbell Street and Tekumah Street,

in the Townplot of Sheguiandah, containing 85.88 acres, more or less; and, premising that all bearings are astronomical and derived from observations of Polaris, described as follows:

#### FIRSTLY:

Part of Lot 1 in the 1st Concession of the Township of Howland containing 11.06 acres, more or less; **beginning at a point in the easterly limit of Lot 1, distant 1025.0 feet, measured north 0° 26' west from the southeast angle of the said Lot 1; thence south 89° 56' west, 672.25 feet to a survey post planted; thence south 0° 26' east, 1025.0 feet to the south limit of the said Lot 1; thence north 89° 56' east along the south limit of the lot, 90.0 feet to the line of a post and wire fence defining the northwesterly limit of a travelled road crossing the southeasterly portion of the lot; thence north 72° 23' east following the line of fence 24.9 feet to a bend in the same; thence continuing along the line of the fence defining the northwesterly limit of the travelled road on a general bearing of north 29° 22' east, 507.75 feet to an angle in the same; thence still along the line of fence on a general bearing of north 75° 57' east, 292.0 feet to a bend in the fence; thence continuing along the line of fence on a general bearing of north 49° 47' east, 29.0 feet, more or less, to the east limit of the said Lot 1; thence north 0° 26' west along the last-mentioned limit, 486.0 feet to the place of beginning.**

#### SECONDLY:

Part of Lot 1 in the 1st Concession and part of Lot 1 in the 11th Concession of the Township of Howland and part of the Townplot of Sheguiandah, **containing 74.82 acres, more or less; beginning at the northwest angle of Park Lot 1 on the north side of Campbell Street in the Townplot of Sheguiandah; thence south 0° 26' east along the west limit of the said Park lot, 180.67 feet; thence south 78° 30' west, 297.25 feet; thence south 50° 58' west, 107.24 feet; thence south 28° 00' west, 474.8 feet, more or less, to the north limit of Lot 16 on the south side of Campbell Street in the Townplot; thence south 89° 56' west along the north limits of Lot 16 and Lot 15 on the south side of Campbell Street, 136.65 feet, more or less, to a survey post defining the northwest angle of the said Lot 15; thence south along the west limit of the said Lot 15, a distance of 165.0 feet to a survey post marking the southwest angle of the said Lot 15; thence north 89° 56' east along the south limits of lots 15, 16, 17 and 18 on the south side of Campbell Street, 527.1 feet to a survey post defining the southeast angle of Lot 18; thence southerly in a straight line, 202.5 feet more or less, to the intersection of the northerly limit of Robert Street with the east limit of Hill Street according to a plan registered in the Registry Office for the Registry Division of Manitoulin as No. 7; thence south 0° 22' west along the east limit of Hill Street, 52.8 feet, more or less, to the line of a post and wire fence; thence in an easterly**

direction following the line of the post and wire fence, having a general bearing of north 88° 12' east, 688.55 feet, more or less, to the east limit of Mill Site No. III in the Townplot of Sheguiandah; thence north along the east limit of Mill Site No. III 234.2 feet to a survey post defining the northwest angle of Lot 1 on the west side of Tekumah Street in the said Townplot of Sheguiandah; thence north 89° 56' east along the north limit of Lot 1 and its production a distance of 230.7 feet, more or less, to the east limit of Tekumah Street, aforesaid; thence south along the east limit of Tekumah Street, 478.5 feet, more or less, to the north limit of a road 66 feet in perpendicular width conveyed to the Municipality of Howland by instrument No. 109 registered in the Registry Office for the Registry Division of Manitoulin; thence east along the north limit of that road 145.65 feet to a bend in same; thence north 64° 30' east continuing along the northerly limit of that road 315 feet, more or less, to the intersection with the southeasterly limit of Park Lot 7 on the south side of Campbell Street in the Townplot of Sheguiandah; thence in a general north-easterly direction following the southeasterly limits of Park Lot 7, and Park Lot 8 on the south side of Campbell Street, to a survey post planted on the southerly production of the easterly limit of Park Lot 6 on the north side of Campbell Street in the Townplot of Sheguiandah; thence north 0° 26' west along the production of the east limit of Park Lot 6, a distance of 110.4 feet to a survey post planted in the southerly limit of Campbell Street; thence north 0° 26' west, continuing along the production 66.0 feet to the southeast angle of Park Lot 6; thence north 0° 26' west, along the east limit of Park Lot 6 and its production northerly a distance of 1025.0 feet to a survey post planted; thence south 89° 56' west, 1963.0 feet, more or less, to a survey post planted in the west limit of Lot 1 in Concession XI of the Township of Howland; thence south 0° 26' east along the last-mentioned limit 365.0 feet to the place of beginning. R.R.O. 1970, Reg. 53, Sched. 2.

### Schedule 3

#### TOWNSHIP OF SOUTH BURLEIGH ARCHAEOLOGICAL SITE

In the Township of Burleigh and Anstruther, formerly in the Township of South Burleigh, in the County of Peterborough, being a rockface inscribed with petroglyphs in the south half of the west half of Lot 10 in Concession XI and being also mining claim E.O. 12546. R.R.O. 1970, Reg. 53, Sched. 3.

### Schedule 4

#### THE LAWSON SITE

In the City of London, formerly in the Township of London, in the County of Middlesex, and being

composed of part of the southerly half of Lot 20 in the Fourth Concession of the said Township, more particularly described as follows:

PREMISING that all bearings herein are astronomic and are referred to the bearings shown on Department of Highways Plan Number P-1813-21 registered as Number 104294.

BEGINNING at a point in the limit between the northerly and southerly halves of said Lot 20 distant 619.54 feet measured north 67° 59' 40" east along said limit from the northwesterly angle of the southerly half of said Lot 20; thence north 67° 59' 40" east, along the limit between the northerly and southerly halves of said lot, 382.74 feet; thence south 75° 45' east, 87.48 feet; thence south 79° 12' east, 60.78 feet; thence south 75° 13' east, 45.30 feet; thence south 55° 06' east, 85.41 feet; thence south 44° 00' east, 119.14 feet; thence south 31° 59' east, 105.08 feet; thence south 70° 12' 30" west, 46.85 feet; thence north 85° 44' west, 65.43 feet; thence south 86° 36' 30" west, 87.12 feet; thence south 68° 07' 30" west, 59.63 feet; thence south 61° 02' 30" west, 68.49 feet; thence south 84° 50' 30" west, 40.55 feet; thence north 54° 00' west, 87.75 feet; thence north 57° 47' 30" west, 72.10 feet; thence north 68° 40' 30" west, 85.97 feet; thence north 68° 39' 30" west, 98.03 feet; thence north 85° 28' west, 84.55 feet; thence north 18° 57' west, more or less, 38.27 feet, more or less, to the place of beginning. Containing by admeasurement 3.226 acres, more or less. R.R.O. 1970, Reg. 53, Sched. 4.

### Schedule 5

#### THE ROEBUCK SITE

In the Township of Augusta, in the County of Grenville, and being composed of part of Lot 2, in Concession 6 of the said Township, the boundaries of the said parcel being described as follows:

PREMISING that the bearings are astronomic derived from the southerly limit of the proposed widening of County Road Number 21, in the said Lot 2, having a bearing of north 50° 25' 30" east, as shown on a plan of survey dated March 26, 1970, by William J. Salter, O.L.S., and relating all bearings herein thereto;

BEGINNING at a point in the east half of the said Lot 2, distant 187.91 feet, measured south 31° 51' 10" east from a point distant 635.97 feet, measured south 50° 25' 30" west from a point in the northeasterly limit of the said Lot 2, distant 26.18 feet, measured south 31° 59' 45" east along the said northeasterly limit of Lot 2 from the northeasterly corner of the said Lot 2; thence north 76° 37' east, 204.86 feet; thence south 63° 56' 50" east, 237.53 feet; thence north 80° 52' 40" east, 71.25 feet; thence south 68° 12' 50" east, 46.35 feet; thence south 40° 36' 30"

east, 130.81 feet; thence south  $33^{\circ} 01' 50''$  west, 161.69 feet; thence south  $48^{\circ} 23' 50''$  west, 105.61 feet; thence south  $58^{\circ} 08' 40''$  west, 88.14 feet; thence south  $63^{\circ} 36' 20''$  west, 106.56 feet to the southwesterly limit of the east half of the said Lot 2; thence north  $33^{\circ} 43' 20''$  west, along the said southwesterly limit of the east half of Lot 2, a distance of 215.64 feet; thence north  $31^{\circ} 51' 10''$  west, continuing along the said southwesterly limit of the east half of Lot 2, a distance of 321.11 feet; thence north  $58^{\circ} 08' 50''$  east, 18.00 feet, more or less, to the place of beginning;

AND DESIGNATED AS PART 1 on Ontario Ministry of Government Services Plan of Survey Number 787-11.;

TOGETHER WITH a right of way over, along and upon a strip of land 18.00 feet in perpendicular width described as follows:

BEGINNING at a point in the east half of the said Lot 2, distant 187.91 feet, measured south  $31^{\circ} 51' 10''$  east from a point distant 635.97 feet, measured south  $50^{\circ} 25' 30''$  west from a point in the northeasterly limit of the said Lot 2, distant 28.18 feet, measured south  $31^{\circ} 59' 45''$  east along the said northeasterly limit of Lot 2 from the northeasterly corner of the said Lot 2; thence north  $31^{\circ} 51' 10''$  west 213.61 feet to the southwesterly limit of the road allowance between concessions 6 and 7; thence south  $50^{\circ} 22' 30''$  west, along the said southwesterly limit 18.16 feet to the southwesterly limit of the east half of the said Lot 2; thence south  $31^{\circ} 51' 10''$  east, along the said southwesterly limit of the east half of Lot 2, a distance of 211.15 feet; thence north  $58^{\circ} 08' 50''$  east, 18.00 feet to the place of beginning;

AND DESIGNATED AS PARTS 2 and 3 on Ontario Ministry of Government Services Plan of Survey Number 787-11. R.R.O. 1970, Reg. 53, Sched. 5.



## REGULATION 710

under the Ontario Heritage Act

### HISTORIC SITES

1. The lands described in a Schedule are designated as a historic site. R.R.Q. 1970, Reg. 54, s. 1.

#### Schedule 1

##### CAHIAGUE HISTORIC SITE

In the Township of Medonte in the County of Simcoe being composed of part of the west half of Lot 11 in Concession 14, more particularly described as follows:

BEGINNING where an iron post has been planted at the southeast angle of the west half of said Lot 11; thence south  $60^{\circ}$  west along the fence marking the southern limit of said Lot 11, a distance of 967.5 feet to an iron post planted; thence north  $13^{\circ}$  west 345 feet to an iron post planted; thence north  $51^{\circ} 30'$  east 242 feet to an iron post planted on the line of a certain fence; thence north  $58^{\circ} 40'$  east along said fence 623 feet to an iron post planted on the line of the fence marking the eastern limit of the west half of said Lot 11; thence south  $30^{\circ}$  east along said fence marking said eastern limit 380 feet to the place of beginning. R.R.O. 1970, Reg. 54, Sched. 1.

#### Schedule 2

##### THE PENETANGUISHENE MILITARY AND NAVAL ESTABLISHMENTS HISTORIC SITE

1. In the Township of Tay in the County of Simcoe being composed of part of lots 122, 123 and 124 in Concession I, E.P.R., part of Lot 124 in Concession II, E.P.R., and part of the road allowance between concessions I and II, E.P.R. and, premising that all bearings are astronomic, more particularly described as follows:

BEGINNING at a point in the interior of Lot 122 in Concession I, E.P.R., which said point may be located as follows:

BEGINNING at a point in the northerly limit of Navy Street, distant 37.43 feet on a bearing of north  $1^{\circ} 54'$  west from the northwesterly angle of Lot 95 according to a plan registered in the registry office for Simcoe as No. 70, Town of Penetanguishene; thence continuing north  $1^{\circ} 54'$  west, 125.43 feet to a standard iron bar planted at a point of curve; thence on a curve to the left, having a radius of 853 feet, an arc measurement of 240.19 feet to a standard iron bar planted at a point of tangent; thence north  $18^{\circ} 2'$  west, 234.29 feet to a standard iron bar planted; thence continuing north  $18^{\circ} 2'$  west, 406.35 feet to an iron bar planted; thence continuing north  $18^{\circ} 2'$

west, 406.35 feet to an iron bar planted; thence continuing north  $18^{\circ} 2'$  west, 82.96 feet to a point where a standard iron bar is planted, which point is the place of beginning; thence north  $18^{\circ} 2'$  west a distance of 500 feet to a standard iron bar planted at a point of curve; thence on a curve to the left, having a radius of 768 feet and an arc distance of 93.64 feet to a standard iron bar planted at a point of tangent; thence north  $25^{\circ} 2'$  west, 285.60 feet to a standard iron bar planted; thence north  $18^{\circ} 32'$  west, 110.32 feet to a standard iron bar planted; thence north  $14^{\circ} 50'$  west, 1067.61 feet, to a standard iron bar planted; thence north  $23^{\circ} 47'$  east, 208.42 feet to a standard iron bar planted; thence south  $66^{\circ} 23'$  east, 99.43 feet to a standard iron bar planted; thence north  $50^{\circ} 55'$  east, 830.04 feet to a standard iron bar planted; thence north  $34^{\circ} 46' 30''$  west, 160.58 feet to a standard iron bar planted; thence north  $49^{\circ} 47' 30''$  east, 229.03 feet to a standard iron bar planted; thence north  $29^{\circ} 21'$  west, 275.80 feet, more or less, to a standard iron bar planted at a point in the high water mark of Penetanguishene Bay; thence in a general northwesterly direction following that high water mark to and around a point of land; thence continuing along that high water mark and in a general southwesterly direction 4,090 feet, more or less, to a point in that high water mark that is distant 130 feet, more or less, from the place of beginning, measured on a bearing of south  $71^{\circ} 58'$  west; thence north  $71^{\circ} 58'$  east, 130 feet, more or less, to the place of beginning.

2. That part of Magazine Island in Penetanguishene Harbour lying above the high water mark thereof. R.R.O. 1970, Reg. 54, Sched. 2.

#### Schedule 3

##### WILLOW FORT HISTORIC SITE

In the Township of Vespra, in the County of Simcoe, and being composed of that part of the East half of Lot 14, in the 11th Concession of the said Township of Vespra more particularly described as follows:

BEGINNING at a point where the southerly limit of the right of way of the Canadian National Railways through the said lot is intersected by the easterly limit of the said lot; thence southwesterly along the southerly limit of the said right of way of the Canadian National Railways, 688 feet to a point; thence southeasterly in a straight line to the southeasterly angle of the said lot; thence northerly along the easterly boundary of the said lot to the place of beginning; containing nine acres, more or less. R.R.O. 1970, Reg. 54, Sched. 3.



## REGULATION 711

### under the Ontario Heritage Act

#### GRANTS AND LOANS

##### 1. In this Regulation,

- (a) "architect" means a person who is a member of the Ontario Association of Architects or a person who is licensed to practise as an architect under the *Architects Act*;
- (b) "professional engineer" means a person registered as a professional engineer or a person who is licensed to practise as a professional engineer under the *Professional Engineers Act*;
- (c) "project" means any proposal or planned undertaking for which a person is seeking financial assistance by way of grant or loan from the Foundation under the Act. O. Reg. 242/75, s. 1.

2. An application for a grant or loan shall be made to the Foundation in the form prescribed by the Minister. O. Reg. 242/75, s. 2.

3. Where required by the Foundation, an applicant shall furnish the Foundation with,

- (a) where the applicant is seeking a capital grant or capital loan, a statement containing,
  - (i) a general description of the property including the historical background, structural condition and authenticity together with a general description of the area surrounding the property,
  - (ii) a description of the project, including its objectives and an estimated date for completion,
  - (iii) whether the applicant is an individual, partnership or corporation,
  - (iv) if the applicant is a corporation or partnership, the names and occupations of all the officers or partners, as the case may be,
  - (v) the name and address of the person or persons to be contacted with respect to the grant or loan,
  - (vi) the names and addresses of the applicant's banker, lawyer and auditor,
  - (vii) the names and addresses of the architects, professional engineers and planners, if any, associated with the project,

(viii) an assessment of community involvement, support and benefit with respect to the project,

(ix) a detailed estimate of the cost of the project,

(x) a description of the financing available for the project together with the sources and amounts,

(xi) a list of the financial and technical assistance sought from government and other sources,

(xii) information as to the fiscal controls to be applied to the project including the provisions for audit, if any,

(xiii) a description of the plans with respect to the ongoing administration and maintenance of the property together with estimates of the costs of such plans, and

(xiv) information as to whether the applicant is prepared to enter into an easement with respect to the property;

(b) where the applicant is seeking a grant for educational, research or communications programs, a statement containing,

(i) the plans the applicant may have for the publication of a report or the dissemination of information about the project, and

(ii) the material required to be furnished under subclauses (a) (ii), (iii) and (v), and subclauses (a) (vii) to (xii);

(c) where the applicant is seeking an archaeological grant, a statement containing the material required to be furnished under subclauses (a) (i to v) and (viii to xii); and

(d) where the applicant is seeking an operational grant or loan a statement containing,

(i) the material required to be furnished under subclauses (a) (iii to vi) and (viii to xii), and

(ii) a description of any plans concerning the custody, management, maintenance and security of the property. O. Reg. 242/75, s. 3.



## REGULATION 712

under the Ontario Heritage Act

### GRANTS TO INCORPORATED HISTORICAL SOCIETIES AND ASSOCIATIONS

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "administration cost" means the cost of,
  - (i) maintaining the premises and office equipment of the corporation,
  - (ii) ordinary office expenses,
  - (iii) production and distribution of informative material, including newsletters, notices of meetings and similar materials,
  - (iv) secretarial services, and
  - (v) advertising and publicity;
- (b) "corporation" means a non-profit corporation having its head office in the Province of Ontario whose primary objects are to support, encourage and facilitate the conservation and protection of the historical heritage of the area in which the corporation has its head office, including the conducting of exhibitions, research, publication, educational and communications programs necessary for local historical heritage conservation and protection;
- (c) "extension activity cost" means the cost of,
  - (i) production and circulation of all audio-visual programs by the corporation that relate to the history of the locality in which the corporation has its head office,
  - (ii) fees or honoraria paid to persons in connection with the operation of the audio-visual programs referred to in subclause i,
  - (iii) reasonable travelling expenses of the officers, directors and members of the corporation who present lectures, speeches or talks on local history subjects primarily to persons other than members of the corporation,
  - (iv) expenses incurred in sponsoring special local history celebrations including centennial observances and

other commemorative functions, and

- (v) expenses involved in producing and exhibiting special displays, plays or pageants relating to the history of the area in which the corporation has its head office, but not including museum activities,
  - (vi) expenses involved in organizing, conducting and participating in visits to, or tours of, sites and places of interest of an historical nature in the area in which the corporation has its head office, and
  - (vii) expenses involved in the support of other historical activities of a local nature carried out by the corporation that promote an increased knowledge, appreciation and awareness of the historical heritage of the area in which the corporation has its head office;
- (d) "publication cost" means the cost of,
- (i) fees or honoraria paid to authors and editors,
  - (ii) fees paid to publishers and printers in connection with the publications of local history papers but does not include general area histories, and
  - (iii) distributing, handling and mailing costs. O. Reg. 714/74, s. 1; O. Reg. 1043/75, s. 1.

#### GRANTS

2. Where a corporation that does not receive money from any other provincial agency for the purposes stated in this Regulation applies in writing to the Minister before the 31st day of December for a grant in respect of its administration cost, publication cost and extension activity cost for the preceding fiscal year, the corporation shall be paid a grant of,

- (a) the lesser of \$200 or its administration costs for the preceding year;
- (b) the lesser of \$300 or its publication costs for the preceding year; and

- (c) the lesser of \$1,000 or its extension activity costs for the preceding year. O. Reg. 733/76, s. 1; O. Reg. 874/77, s. 1.

3. An application for a grant shall be made to the Minister and shall be accompanied by an audited statement of expenses of the corporation for the previous fiscal year and such other informa-

tion as the Minister may require. O. Reg. 714/74, s. 3.

#### REDUCTION IN GRANTS

4. Where in any year the amount voted by the Legislature for the grants under this Regulation is insufficient to pay the grants in full, the Minister may make a *pro rata* reduction in the grants. O. Reg. 874/77, s. 2.

## REGULATION 713

under the Ontario Heritage Act

### GRANTS FOR MUSEUMS

#### INTERPRETATION

#### 1.—(1) In this Regulation,

##### (a) "applicant" means,

- (i) a non-profit corporation having its head office in the Province of Ontario whose primary objects are the collection, exhibition and preservation of property of historical and architectural value,
- (ii) a board of management appointed by the council of a municipality to operate a museum,
- (iii) a public library board that operates a museum under the *Public Libraries Act*,
- (iv) a council of a band as defined in the *Indian Act* (Canada) that operates a museum, and
- (v) a conservation authority established by or under the *Conservation Authorities Act* that operates a museum;

##### (b) "museum" means an institution that,

- (i) is established for the purpose of conserving, studying, interpreting, assembling and exhibiting to the public for its instruction and enjoyment objects and specimens of educational and cultural value including historical, technological, anthropological or scientific material,
- (ii) is open to the public,
- (iii) is exempt from the payment of tax under the *Income Tax Act* and the *Income Tax Act* (Canada),
- (iv) is not an art museum, and
- (v) is not established primarily for the purpose of conducting temporary exhibitions. O. Reg. 837/74, s. 1 (1); O. Reg. 187/77, s. 1.

#### (2) For the purpose of this Regulation,

##### (a) one or more museums; or

##### (b) the part of one or more museums,

that are considered appropriate by the Minister for administration by one curator shall be deemed to be one museum. O. Reg. 837/74, s. 1 (2).

### PART I

#### MAINTENANCE GRANTS

#### 2. In this Part,

- (a) "curator" means the person who is responsible for the custody, maintenance and content of the historical objects in a museum and who has charge of the administration of the museum;
- (b) "eligible operating expenditures" means all moneys expended by an applicant in a calendar year with respect to the day-to-day operations of a museum;
- (c) "gross receipts" means the aggregate of all moneys received in a calendar year less the aggregate of all moneys received in that year from the Government of Canada or any province or territory in Canada. O. Reg. 837/74, s. 2; O. Reg. 187/77, s. 2; O. Reg. 723/80, s. 1.

#### 3. Subject to section 6, where an applicant that,

- (a) operates a museum;
- (b) does not receive money for the operation of the museum from any other provincial agency; and
- (c) owns, maintains and displays a collection of artifacts in a building or structure,

applies in writing to the Minister before the 1st day of November in any year for a grant in respect of the operation of the museum for the preceding year, the applicant shall,

- (d) where the museum is open to the public for at least 1,080 hours and at least 180 days of the year, including a minimum of twenty days in each of eight months of the year, be paid a grant of,

- (i) the lesser of \$9,000 or the gross receipts of the museum, and

- (ii) the lesser of \$3,000 or one-third of the annual salary of each curator and assistant curator of the museum, and
- (iii) where the gross receipts of an applicant in a calendar year exceed \$60,000, an amount equal to 10 per cent of the amount over \$60,000, but not to exceed \$60,000; or
- (e) where the museum is open to the public for 360 or more hours and sixty or more days of the year but is not eligible for a grant under clause (d), be paid a grant of,
  - (i) the lesser of \$6,000 or the gross receipts of the museum, and
  - (ii) the lesser of \$2,000 or one-third of the annual salary of each curator and assistant curator of the museum. O. Reg. 837/74, s. 3; O. Reg. 709/75, s. 1; O. Reg. 187/77, s. 3; O. Reg. 23/80, s. 1; O. Reg. 723/80, s. 2.

4. Where two or more applicants jointly operate a museum, the applicants shall, by agreement,

determine the one of them that shall be deemed to operate the museum for the purposes of section 3. O. Reg. 837/74, s. 4.

#### REDUCTION IN GRANTS

5. Where in any year the amount voted by the Legislature for the grants under this Regulation is insufficient to pay the grants in full, the Minister may make a *pro rata* reduction in the grants. O. Reg. 187/77, s. 4.

6. No applicant shall receive a grant that is greater than,

- (a) 100 per cent of the eligible operating expenditures incurred by the applicant under this Regulation in the last year in which the applicant received a grant; or
- (b) the amount received by the applicant under this Regulation in the last year in which the applicant received a grant,

whichever is the lesser. O. Reg. 723/80, s. 3.

## REGULATION 714

under the Ontario Heritage Act

### GRANTS FOR PLAQUING

#### INTERPRETATION

#### 1. In this Regulation,

(a) "approved cost" means that portion of the actual cost of a project approved by the Minister and includes,

- (i) the cost of a plaque or plaques,
- (ii) the cost of a stone cairn or cairns,
- (iii) cost of carving a suitable historical text or inscription on a cairn or cairns, and
- (iv) installation costs, including labour and materials;

(b) "organization" means an association of persons that has as one of its purposes or objects the commemoration of subjects of historical significance and includes a syndicate, partnership, joint venture or corporation without share capital;

(c) "project" means the construction, erection, renovation or alteration of a plaque or cairn;

(d) "subject" means any matter, theme, incident or description and includes a person, object, place or event. O. Reg. 715/74, s. 1.

#### 2. An organization that,

(a) proposes to erect or place a plaque or cairn to commemorate a subject of local historical interest or significance;

(b) does not receive money from any other provincial agency for the purposes referred to in clause (a);

(c) has obtained consent of the owner of the property on which the plaque or cairn is to be placed; and

(d) can guarantee the continuing care and maintenance of the plaque or cairn,

may apply for a grant in respect of a project. O. Reg. 715/74, s. 2; O. Reg. 86/76, s. 1.

3. An application for a grant in respect of a project shall be made to the Minister and shall be accompanied by a copy of the proposed inscription for the plaque, the cost of the project and such other information as the Minister may require. O. Reg. 86/76, s. 2, *part*.

4. The Minister, before approving a grant in respect of a project, shall consult with the Ontario Heritage Foundation. O. Reg. 86/76, s. 2, *part*.

5. A grant payable by the Minister in respect of a project approved by the Minister shall be the lesser of,

(a) \$200; or

(b) 50 per cent of the approved cost of the project. O. Reg. 715/74, s. 5.

6. No organization is eligible to receive a grant in respect of more than one project in each year. O. Reg. 715/74, s. 6.



REGULATION 715

under the Ontario Heritage Act

LICENCES

1. In this Regulation, "licence" means a licence under section 48 of the Act. O. Reg. 249/75, s. 1.

2. An application for a licence shall be in Form 1. O. Reg. 249/75, s. 2.

3. Every applicant, except where he intends to carry out a general survey, shall provide the Minister with written permission of the owner of each property affected by the licence to enter upon and carry out any work which may be the subject of the licence. O. Reg. 249/75, s. 3.

4. A licence shall be in Form 2. O. Reg. 249/75, s. 4.

5.—(1) A report under subsection 65 (1) of the Act shall be in Form 3.

(2) In addition to the report referred to in subsection (1), every licensee shall, at the completion

of the exploration, survey or field work, as the case may be, furnish to the Minister a final report. O. Reg. 249/75, s. 5.

6. The holder of a licence shall forthwith notify the Minister where there is a change in nature of the exploration, survey or field work for which the licence was issued. O. Reg. 249/75, s. 6.

7. The holder of a licence shall, upon the request of the Minister, notify him as to,

- (a) the proposed disposition of any objects or records at the conclusion of each season's work;
- (b) the time required to analyze and catalogue any objects or records found; and
- (c) the ultimate disposition of any objects or records at the conclusion of the work being done. O. Reg. 249/75, s. 7.

Form 1

Ontario Heritage Act

APPLICATION FOR A LICENCE UNDER SECTION 48 OF THE ACT

I ....., of .....  
hereby make application to the Minister for a licence under section 48 of the Act, and hereby furnish the following information:

- 1. Purpose for which licence is required:
  - i. Nature and purpose of the project(s):
  - ii. Plan of exploration, survey or field work:
  - iii. Geographical description of the property or properties on which the site(s) is located (lot, concession, township or municipal address):
  - iv. Cultural affinity of the site(s), if known:

2. Qualifications and experience:

- i. Relevant<sup>(1)</sup> academic background, achievement and training:
- ii. Practical field experience:
- iii. Record of publications:
- iv. List of relevant<sup>(2)</sup> organizations of which you are presently a member:
- v. List of previous licences or permits received under this Act:

3. Methods and procedures:

- i. Proposed composition of the archaeological team, if any, and the relevant<sup>(3)</sup> educational background and experience of each member:
- ii. Estimated duration of the work, submitted in the form of a general schedule:
- iii. Proposed methods of recovery of archaeological objects, including excavation techniques:
- iv. Proposed methods of dating:
- v. Proposed methods of recording of data and cataloguing of the archaeological objects recovered:
- vi. Proposed methods of conservation and restoration of recovered archaeological objects and other remains where necessary:
- vii. Proposed method of restoration of the real property following excavation:
- viii. Proposed facilities and personnel for the analysis of archaeological objects and data:
- ix. Proposed plans, if any, for the protection of a segment of the site for future archaeological work:

4. Financial and Material Resources:

- i. The source(s) of funds that have been requested or received:
- ii. List agreements that have been made with respect to i:
- iii. Proposed budget for the entire project<sup>(4)</sup>:
- iv. Material resources necessary for the project<sup>(5)</sup>:

5. Disposition of archaeological objects and records:
  - i. Proposed disposition of archaeological objects and records at conclusion of the season's work:
  - ii. Anticipated time schedule for analysing and cataloguing recovered archaeological objects and data:
  - iii. Plans for ultimate disposition of the archaeological objects and records recovered, including reference to public institutions in the locality of the property or properties where work has been carried out:
6. Publication:
  - i. Plans, if any, concerning publication of the results of project:
  - ii. General schedule of phases and methods of publication:

#### EXPLANATORY NOTES

- (1) "Relevant academic background"—  
Educational background pertinent to archaeology.
- (2) "Relevant organizations"—  
Organizations that list archaeology as a primary or ancillary interest (e.g. Ontario Archaeological Society, Canadian Archaeological Association, Ontario Historical Society, etc.).
- (3) "Relevant educational background"—  
The educational background of the members of the team as it applies to archaeology.
- (4) "Proposed budget for the entire project"—  
This information should include information concerning the entire budget including all the phases of the work.
- (5) "Material resources necessary for the project"—  
This might include the purchase or rental of trucks, trailers, camping equipment, boats, motors, photographic equipment, etc. O. Reg. 249/75, Form 1.

Form 2

*Ontario Heritage Act*

LICENCE

No. ....

Under the *Ontario Heritage Act* and the regulations, and subject to the limitations thereof,

this licence is issued to .....

of .....

to conduct archaeological exploration, survey or field work on .....

Date of expiry ....., 19 .....

Subject to the following conditions:

.....  
Minister of Culture and Recreation

O. Reg. 249/75, Form 2.

Form 3

*Ontario Heritage Act*

REPORT

Under subsection 65 (1) of the Act, a report shall include the following information:

1. Precise location, detailed plan and a representative series of photographs and sectional drawings, area drawings of the site(s).
2. Methods used in the carrying out of excavation or survey work and in the recording of data.
3. Duration of project.
4. Restorative and protective measures taken, if any.
5. General description of the cultural content of the site(s).
6. Catalogue of materials recovered.
7. Preliminary interpretation resulting from a summary examination of the finds.
8. Summary of the professional and material means available to ensure the continuity of the research and a successful conclusion thereof.

O. Reg. 249/75, Form 3.

## REGULATION 716

under the Ontario Highway Transport Board Act

### RULES OF PROCEDURE

#### 1. In this Regulation,

(a) "file" means file with the Board;

(b) "respondent" means a person who files an objection under section 5 or section 8 and includes such other person as the Board directs to be added under section 18. R.R.O. 1970, Reg. 632, s. 1; O. Reg. 857/79, s. 1.

2. The Board may require that an application be verified or supported by an affidavit. O. Reg. 857/79, s. 2.

3.—(1) Upon receipt by the Board of an application or reference made under the *Public Vehicles Act*, the *Public Commercial Vehicles Act* or any other Act, other than an application for approval of the issuance of a temporary operating licence or a reference of an operating licence by the Minister with the recommendation that the terms and conditions be reviewed, and subject to section 8, the Board shall cause a notice of hearing to be published in *The Ontario Gazette*.

(2) The notice of hearing shall,

(a) state the nature of the application or reference; and

(b) fix the time, date and place of the hearing. R.R.O. 1970, Reg. 632, s. 3.

4. Subject to section 5, any person may make representations to the Board in respect of an application or reference. R.R.O. 1970, Reg. 632, s. 4.

5.—(1) Any person who wishes to oppose the granting of the licence in respect of which an application or reference has been made shall file an objection at least fifteen days before the date set for hearing. R.R.O. 1970, Reg. 632, s. 5 (1); O. Reg. 857/79, s. 3 (1).

(2) A respondent shall serve upon the applicant or person named in the reference, on or before the day on which the objection is filed,

(a) the objection; and

(b) a certified copy of the operating licence, if any, of the respondent. R.R.O. 1970, Reg. 632, s. 5 (2).

(3) The objection shall,

(a) be signed by the respondent or by his solicitor on his behalf;

(b) contain a clear and concise statement of the grounds upon which the application is opposed;

(c) contain the name and address of the respondent and of his solicitor, if any; and

(d) contain proof of service under subsection (2). R.R.O. 1970, Reg. 632, s. 5 (3); O. Reg. 857/79, s. 3 (2).

6.—(1) The applicant or person named in the reference may file a reply to each objection and shall serve each respondent with the reply to his objection on or before the day on which the reply is filed. R.R.O. 1970, Reg. 632, s. 6 (1).

(2) The reply shall,

(a) be filed at least five days before the date set for the hearing;

(b) be signed by the applicant or person named in the reference or by his solicitor on his behalf; and

(c) contain proof of service under subsection (1). R.R.O. 1970, Reg. 632, s. 6 (2); O. Reg. 857/79, s. 4.

7. Where an applicant under the Act or any other Act withdraws his application, he shall forthwith,

(a) serve each respondent with a notice of the withdrawal; and

(b) file the notice of withdrawal and proof of service under clause (a). R.R.O. 1970, Reg. 632, s. 7.

8.—(1) The Board may, in its discretion, publish notice of an application or reference in *The Ontario Gazette* without fixing a day for a hearing. R.R.O. 1970, Reg. 632, s. 8 (1).

(2) If no objection is served and filed in the manner and form prescribed by subsections 5 (2) and (3) within twenty-nine days of the publication, the Board may dispose of the application or reference summarily. O. Reg. 857/79, s. 5 (1).

(3) If an objection is served and filed within twenty-nine days of the publication, the Board shall fix a date for the hearing with notice to all parties, and the proce-

ture is thence forth the same as for a proceeding to which this section does not apply. R.R.O. 1970, Reg. 632, s. 8 (3); O. Reg. 857/79, s. 5 (2).

9.—(1) Where,

- (a) the Minister refers an operating licence to the Board with a recommendation that the terms and conditions be reviewed; or
- (b) the Board rehears an application under section 16 of the Act,

the Board shall cause a notice of hearing to be published in *The Ontario Gazette*.

(2) The notice of hearing shall,

- (a) name the holder of the operating licence that is the subject of the review, or the applicant in the application being reheard;
- (b) state the nature of the matter to be determined; and
- (c) fix the time, date and place of the hearing.

(3) The Board shall cause the notice of hearing to be served upon the person named in the notice within five days of its publication. R.R.O. 1970, Reg. 632, s. 9.

10.—(1) Any person who wishes to make representations to the Board in respect of a rehearing or review shall file a statement. R.R.O. 1970, Reg. 632, s. 10 (1).

(2) The statement shall,

- (a) be filed at least ten days before the date set for the hearing;
- (b) be signed by the person who wishes to make representations or by his solicitor on his behalf;
- (c) contain a clear and concise statement of the representations to be made at the hearing; and
- (d) contain the name and address of the person who wishes to make the representations and his solicitor, if any. R.R.O. 1970, Reg. 632, s. 10 (2); O. Reg. 857/79, s. 6.

11.—(1) Where a party to proceedings before the Board applies under subsection 21 (1) of the Act for a stated case, he shall file,

- (a) a clear and concise statement of the facts upon which he applies to have a question of law determined; and
- (b) the question of law which he applies to have determined.

(2) Where the Board directs that a case be stated, it shall cause a copy of the case to be stated to be served upon all parties to the proceedings to which the stated case pertains. R.R.O. 1970, Reg. 632, s. 11.

12.—(1) Where any person is required to serve any notice, document or paper in proceedings before the Board, he shall serve it by delivering a true copy to the person to be served personally or by sending it to him by registered mail at his address for service or, if there is no address for service, at his last-known or usual address.

(2) Where the name and address of a solicitor of a party to a proceeding is shown in an application, objection or reply, any notice, document or paper may be served upon the party by delivering a true copy to the solicitor personally or by sending it to him by registered mail at his last-known or usual address, and that service shall be deemed to be good and sufficient service.

(3) Where,

- (a) the number of persons affected by an application is so large that in the opinion of the Board it is not practicable to serve the persons under subsections (1) and (2); or
- (b) the party required to effect service proves to the satisfaction of the Board that service cannot be effected or that it is not expedient to effect service under subsections (1) and (2),

the Board may direct that service be made by publication of the notice, document or paper to be served in a publication named in the direction of the Board, and the service shall be deemed to be good and sufficient service and to have been made on the date of publication. R.R.O. 1970, Reg. 632, s. 12.

13. Any notice, document or paper required to be filed may be filed by,

- (a) depositing it at the office of the Board in the City of Toronto; or
- (b) mailing it by registered mail addressed to the Secretary of the Board at its office in the City of Toronto. R.R.O. 1970, Reg. 632, s. 13.

14.—(1) Service by registered mail shall be deemed to have been made on the date of mailing.

(2) Filing by registered mail shall be deemed to have been made on the date of receipt at the office of the Board. R.R.O. 1970, Reg. 632, s. 14.

15.—(1) An application, objection, reply or statement may be amended at the hearing by leave of

the Board upon such terms and conditions as the Board considers advisable.

(2) No proceeding shall be deemed invalid by reason of any irregularity or defect in form. R.R.O. 1970, Reg. 632, s. 16.

16.—(1) The Board may, if it considers it advisable, adjourn any hearing before it for such time and to such place and upon such terms as it thinks fit.

(2) The Board may, upon such terms as it thinks fit, enlarge the time prescribed by this Regulation for doing any act, serving or filing any notice, document or paper or taking any proceeding and

may exercise the power although application therefor is not made until after the expiration of the time prescribed.

(3) The Board may, upon such terms and conditions as it thinks fit, abridge the time prescribed by this Regulation for doing any act, serving or filing any notice, document or paper or taking any proceeding. R.R.O. 1970, Reg. 632, s. 17.

17. The Board may direct that service be made upon any person who is not a party to the proceedings, and may add any person as a respondent at any time upon such terms as it considers just. R.R.O. 1970, Reg. 632, s. 18.



REGULATION 717

under the Ontario Human Rights Code

FORM OF COMPLAINT

1. A complaint made under the Act shall be in the following Form:

Form

*Ontario Human Rights Code*

COMPLAINT OF DISCRIMINATION

FOR OFFICE USE

Complaint No.....

.....  
(name and address of complainant)

AGAINST

.....  
(name and address of person, employer, etc.,  
complained against)

The complainant says that .....  
(name of person, em-

.....  
ployer, etc., complained against)

on or about the ..... day of ....., 19...  
contravened a provision of the *Ontario Human  
Rights Code* in respect of .....  
(name and address of person

.....  
or class of persons discriminated against)

because of .....  
(race, creed, color, age, sex, marital status,  
nationality, ancestry or place of origin)

contrary to the *Ontario Human Rights Code*.

PARTICULARS OF DISCRIMINATION

(use reverse side)

Dated at ..... on the ..... day of .....  
19...

.....  
(Complainant)

O. Reg. 624/73, s. 1.



## REGULATION 718

under the Ontario Institute for Studies in Education Act

### GENERAL

1. The number of members of the Board to be appointed under clause 4 (2) (b) of the Act shall be as follows:

1. Three representatives of the teacher-training institutions of Ontario.
2. Two representatives of the University of Toronto.
3. Two representatives of the provincially-assisted universities of Ontario.
4. Four representatives of the Ministry of Education.
5. Six representatives of the Ontario Teachers' Federation.
6. Four representatives of the Ontario School Trustees' Council.
7. Three representatives of provincial associations of directors of education, school superintendents and inspectors.
8. Six persons who are residents of Ontario.
9. Four members of the administrative and instructional staff of the Institute. R.R.O. 1970, Reg. 634, s. 1.

2.—(1) The members of the Board referred to in paragraphs 1 to 8 of section 1 shall hold office for three years, except that an appointment made in the first instance shall be for the term specified in the appointment.

(2) The members of the Board referred to in paragraph 9 of section 1 shall hold office for a term of one year.

(3) A member of the Board continues to hold office until his successor is appointed.

(4) A member of the Board is eligible for re-appointment.

(5) Where a member of the Board appointed by the Lieutenant Governor in Council,

(a) ceases to have his customary place of residence in Ontario;

(b) becomes, through illness, incapable of acting as a member; or

(c) not having been granted leave of absence by the Board, attends in any fiscal year of the Board fewer than one-third of the meetings of the Board held subsequent to the date of his appointment to the Board,

the Board shall by resolution declare his office vacant.

(6) A resolution under subsection (5) entered in the minutes of the Board is conclusive evidence that a vacancy on the Board exists.

(7) Where a vacancy on the Board occurs in the office of a member appointed by the Lieutenant Governor in Council before the term of office for which the member has been appointed expires, the vacancy shall be filled by the Lieutenant Governor in Council on the recommendation of the Minister, and the member so appointed shall hold office for the remainder of the term of office of the member whose office is vacant. R.R.O. 1970, Reg. 634, s. 2.



## REGULATION 719

### under the Ontario Lottery Corporation Act

#### GENERAL

##### INTERPRETATION

#### 1. In this Regulation,

- (a) "distributor" means a person authorized by the Corporation to distribute tickets to retailers;
- (b) "lottery" means a lottery conducted by the Corporation;
- (c) "money prize" means a sum of money payable as the result of the selection of a winning ticket;
- (d) "retailer" means a person authorized by the Corporation to sell tickets to the public;
- (e) "ticket" means a ticket sold under a lottery scheme and includes the contractual rights and obligations between the Corporation and the owner of the ticket;
- (f) "winner" means in respect of any draw a person entitled at the time of the draw to a money or other prize under a lottery;
- (g) "winning ticket" means in respect of any draw a ticket bearing a number or numbers corresponding, in such manner as the Corporation shall determine, to a winning number or numbers drawn as provided in section 6 or a ticket bearing such legend as the Corporation shall determine. O. Reg. 251/75, s. 1; O. Reg. 946/79, s. 1.

##### NATURE OF A LOTTERY SCHEME

2. A lottery scheme conducted and managed by the Corporation shall consist of a system or arrangement for the issuance and sale of tickets and the distribution of money or other prizes to winners selected at random from among the owners of tickets issued or sold.

O. Reg. 946/79, s. 2, *part.*

##### SALE OF LOTTERY TICKETS

3. Tickets may be sold to the public directly by the Corporation or indirectly through distributors and retailers or through agents. O. Reg. 946/79, s. 2, *part.*

4. No retailer shall sell a ticket at a price other than the face amount shown on the ticket. O. Reg. 251/75, s. 4.

##### SELECTION OF WINNING TICKETS

5.—(1) Tickets are void if not paid for, unissued, illegible, mutilated, altered, counterfeited or forged in

whole or in part, defective, misprinted, produced in error or incomplete.

(2) Winning tickets in a lottery shall be selected at a draw held at such time and place as the Corporation shall determine or in such other manner as the Corporation shall determine. O. Reg. 946/79, s. 4.

6. A draw shall consist of the random selection of winning numbers by means of a mechanical device or other method adopted by the Corporation. O. Reg. 251/75, s. 7.

##### PRIZE ACCOUNT

7.—(1) The Corporation shall for each lottery deposit with a chartered bank or trust company, in the name of the Corporation, in an account called the "prize account", an amount equal to the sum of the money prizes payable in respect of that lottery and, subject to subsection (2), no payment shall be made out of the prize account except to pay money prizes.

(2) After twelve months from the date of the draw for each lottery the Corporation shall transfer from the prize account and deposit with a chartered bank or trust company, in the name of the Corporation, in an account called the "special prize account", an amount equal to the sum of the money prizes payable in respect of that lottery which have not been claimed or paid and no payment shall be made out of the special prize account except to pay money prizes. O. Reg. 946/79, s. 5, *part.*

##### PAYMENT OF PRIZES

8. It is a condition for entitlement to collect any prize that the claimant,

- (a) satisfy the Corporation that he is a winner;
- (b) make his claim within twelve months of the date on which his winning ticket was drawn;
- (c) give the Corporation the right to publish his name, address, photograph or picture without any claim on the Corporation for broadcasting, printing, royalty or other rights; and
- (d) if required by the Corporation, give to the Corporation a valid release for the prize and undertake to save the Corporation harmless from any further claim on that prize.

O. Reg. 946/79, s. 5, *part.*

9. Where there is a dispute over payment of a prize, the Corporation may, in the case of a money prize, pay the money into court and, in the case of any other prize, deliver the prize to the court pending settlement of the dispute by a court of competent jurisdiction. O. Reg. 946/79, s. 5, *part.*



## REGULATION 720

### under the Ontario Mineral Exploration Program Act

#### GENERAL

1.—(1) For the purposes of clause 1 (1) (e) of the Act,

(a) 100 per cent of the expenses incurred under a designated program in,

- (i) preliminary examination, if such activity includes the preparation of a map and report by an engineer or geologist,
- (ii) prospecting on the property, if such activity includes the preparation of a map showing traverses and observations made,
- (iii) geophysical, geological and geochemical surveying, if such activities include the preparation of maps and reports by qualified personnel,
- (iv) the establishment of a grid by line cutting including picketing and chaining or by compass line and flagging, where dictated by circumstances, where the grid established is used to carry out an eligible survey,
- (v) surface and underground drilling by core drill or by other than core drill and overburden test drilling for exploration purposes only, including mobilization, demobilization and core logging and the preparation of plans, sections, drill logs and reports,
- (vi) stripping and rock trenching, if such activity includes the preparation of plans and reports,
- (vii) surface and underground sampling and bulk sampling and, for the purpose of such sampling, dewatering and rehabilitating old mine workings (excluding rental and depreciation of machinery) provided such mine workings have not been used for the production of any mineral for at least two years prior to the date of the commencement of the designated program of mineral exploration,
- (viii) assaying and analyses, if such activities include the preparation of maps and reports and the submission of assay or geochemical certificates,

(ix) supplies consumed,

(x) machinery rental, subject to prior approval by the person designated by the Minister to administer the program,

(xi) reasonable transportation of personnel, machinery and supplies,

(xii) microscopic studies,

(xiii) metallurgical testing and process evaluation, and

(xiv) ore compatibility studies for custom milling;

(b) 25 per cent of the expenses incurred under a designated program in,

(i) shaft sinking, drifting and other lateral work and excavation of adits and declines, excluding rental and depreciation on machinery used, and

(ii) construction of temporary access roads, temporary camp structures and other temporary infrastructure and surface preparation; and

(c) depreciation at the rate of 25 per cent per year calculated on a diminishing balance basis taken on the cost of machinery owned by the person who makes an application under section 3 of the Act where such machinery is used for the purposes of a designated program of mineral exploration,

are prescribed as eligible exploration expenses.

(2) The cost of machinery described in clause (1) (c) is the capital cost less depreciation at the rate of 25 per cent per year calculated on a diminishing balance basis from the date of purchase or acquisition of the machinery.

(3) The amount of depreciation described in clause (1) (c) shall be calculated on a *pro rata* basis by multiplying the annual amount of depreciation, as determined in accordance with that clause (c), by the percentage that the period of designation, expressed in a number of days, of a designated program of mineral exploration is of the number 365.

(4) In determining the amount of eligible expenses, the total amount of such expenses shall be reduced by

the amount of any proceeds from the disposition of any mineral resource taken from the property on which the designated program is being carried out during the term of such program and one year thereafter that are received by or payable to the person who makes the application under section 3 of the Act. O. Reg. 719/80, s. 1.

2. For the purposes of clause 1 (1) (i) of the Act, a deposit of,

- (a) thorium or uranium;
- (b) antimony, bismuth, cadmium, calcium, chromium, cobalt, magnesium, manganese, mercury, molybdenum, strontium, tin, titanium or tungsten;
- (c) columbium-niobium, germanium, indium, lithium, selenium, tantalum or tellurium;
- (d) barite, fluorspar, graphite, kaolin, phosphate or silica; and
- (e) peat,

is prescribed as a mineral resource. O. Reg. 719/80, s. 2.

3. For the purposes of subsection 2 (1) of the Act, a program of mineral exploration in Ontario may upon application be designated by the Minister, provided that,

- (a) the application is made in Form 1 of Regulation 721 of Revised Regulations of Ontario, 1980 and completed in full;
- (b) the property on which the proposed program is to be carried out consists of a contiguous group of staked and recorded claims in good standing or patented or leased lands in Ontario, or both;
- (c) the application is made by a person who has the right to enter upon, use and occupy such part or parts of the property on which the designated program is to be carried out, as are

necessary for the purpose of mineral exploration; and

- (d) where, in the opinion of the Minister a program of mineral exploration involves an advanced stage of mineral exploration, the application is accompanied by a report certified by an independent professional engineer who is a member of the Association of Professional Engineers of the Province of Ontario or by another qualified person approved by the Minister. O. Reg. 719/80, s. 3.

4. For the purposes of subsection 2 (5) of the Act, an amount of \$250,000 is prescribed as being the ceiling on the maximum grant limit applicable to a program. O. Reg. 719/80, s. 4.

5.—(1) The officers of the Mineral Resources Group of the Ministry of Natural Resources holding the positions of Executive Co-Ordinator and Director of the Ontario Mineral Exploration Program may exercise any power and perform any duty of the Minister under the Act.

(2) The officer of the Mineral Resources Group of the Ministry of Natural Resources holding the position of Administrator of the Ontario Mineral Exploration Program may exercise any power and perform any duty of the Minister under the Act, except in the case of section 3 of the Act. O. Reg. 719/80, s. 5.

6.—(1) For the purposes of sections 2 and 3 of the Act a person is "actively engaged in mineral production" if such person is the operator of a mine during the period of two years immediately preceding the date of an application made by such person under subsection 2 (1) of the Act.

(2) In determining under subsection (1) whether a person is the operator of a mine, clauses 1 (c), (d) and (h) of the *Mining Tax Act* apply and, for the purposes of such determination, "mineral substance" as defined in the said clause (d) shall be deemed to include peat. O. Reg. 719/80, s. 6.

## REGULATION 721

### under the Ontario Mineral Exploration Program Act

#### GENERAL

1. An application under subsection 2 (1) of the Act for designation of a program of mineral exploration shall be in Form 1. O. Reg. 737/80, s. 1.

2.—(1) An application under subsection 3 (1) of the Act for payment of a grant or under subsection (2) of that section for a certificate of entitlement to a tax credit shall be in Form 2.

(2) A certificate of entitlement to a tax credit issued under subsection 3 (2) of the Act shall be in Form 3.

(3) An application under subsection 3 (6) of the Act for payment of a grant in lieu of a tax credit shall be in Form 4. O. Reg. 737/80, s. 2.

3. A notice of objection under subsection 7 (3) of the Act shall be in Form 5. O. Reg. 737/80, s. 3.

4.—(1) For the purposes of clause 4 (1) (b) of the Act, an application for a grant or tax credit shall be accompanied, where applicable to a designated program, by a complete, legible copy of technical reports, maps, plans, sections and drill logs showing the date and the author's name and signature or, if the author is unavailable, a signature by a person satisfactory to the Minister, together with an index map locating the work area with respect to claim boundaries and topographical features, and,

(a) plans or maps submitted shall have an astronomic or magnetic north arrow and a scale and shall show claim lines, claim numbers and existing survey or grid lines, roads, streams and other major topographical features;

(b) geological survey maps shall have a legend with rock types coded to facilitate black and white reproduction and shall show outcrops, structural symbols, character of the overburden, distribution of swamp, muskeg and forest and existing drill hole locations, shafts, trenches, and mineralization either in bedrock or boulders with submission of one coloured copy;

(c) geophysical survey maps shall show the lines traversed, station and base points, value of readings taken and the units measured and present the data by contours or profiles with conductor location or by another method of presentation satisfactory to the Minister;

(d) geochemical survey maps shall indicate the type of material sampled (soils, water, stream

sediments, rocks or other material) and the location of each sample with analysis and, for vegetation surveys, the description shall give the plant name, species and the part of the plant sampled;

(e) reports on geophysical surveys shall indicate the instrument used, its make, type and model and shall specify the scale constant and sensitivity, method of survey, number of stations established and miles of line surveyed;

(f) reports on geochemical surveys shall indicate the type and amounts of sample collected, tools used in collecting, the particular soil horizon sampled, the method of sample preparation, the mesh size fraction used for analysis, if applicable, and a brief description of the topography;

(g) details regarding the analytical results shall include the total number of samples collected, metals determined and concentration units, analytical methods stating the concentration of the reagents and the name of the commercial laboratory used and, if a field analytical method for determining the metal content is used, a description of the method;

(h) results of assays or other related analytical work shall be accompanied by plans or sections or both, showing the assay results and the sample dimensions and indicating the type of sample taken (grab, chip, panel, channel, bulk, drill core, or as the case may be);

(i) results of drilling shall be set out in a written report, either separate or combined with other reports, outlining the objectives and final results of the drilling program and shall be accompanied by complete drill logs showing the name of the drilling contractor, starting and finishing dates, size of core, direction and initial dip of hole, location within a claim or grid co-ordinates, results of dip tests if taken, final depth of hole and where the core or overburden rejects are stored;

(j) each log shall detail overburden, rock types, mineralization, assays or analyses and the results of physical or chemical tests performed;

(k) a drilling plan showing the projection on the horizontal of each drill hole shall be presented either separately or combined with other plans or maps;

- (l) results of stripping, rock trenching and bulk sampling shall be presented in a written report with a map or maps, either as a separate report and map or maps, or combined with other reports and maps; and
- (m) every report shall detail the dates when the work was carried out, who did the work, the equipment used, the location and dimensions of the excavation and the results obtained,

and the applicant shall submit in a form satisfactory to the Minister such additional information as may be requested by the Minister that the Minister considers necessary to locate or show any work or to explain any other information submitted.

(2) A progress report for each designated program of mineral exploration shall be submitted to the person designated by the Minister to administer the program at the end of each period of three months following the date of designation and shall contain a report on the progress of the work, an estimate of the moneys spent to date on eligible and other exploration expenses and a report on the plans for work and estimates of cost for the next three-month period.

(3) In the event that exploration work on a designated program is discontinued before the completion of all the work proposed under the program, the person carrying out the program shall so advise in writing the person designated by the Minister to administer the program within a period of one month thereafter.

(4) Where a person carrying out a designated program receives or is entitled to proceeds from the disposition of any mineral resource taken from the property on which the program is being carried out during the term of the program and one year thereafter, he shall report such disposition and the amount of the proceeds therefrom to the person designated by the Minister to administer the program within sixty days thereafter. O. Reg. 737/80, s. 4.

5. For the purposes of section 10 of the Act, interest at the rate of 12 per cent per year is payable by a person who receives or obtains a grant or a tax credit to which he is not entitled or the payment of an amount in excess of the grant or tax credit to which he is entitled. O. Reg. 737/80, s. 5.

Form 1

Ontario Mineral Exploration Program Act



Ministry of  
Natural  
Resources

Ontario Mineral  
Exploration Program Act,

Application for  
Designation

Office Use only
Registration No.

Instructions

- Please type or print
- Submit completed forms to: OMEP  
Room 4649, Whitney Block,  
Queen's Park, Toronto, Ontario  
M7A 1W3

Applicant's Identification and Location

Name	Date of Application
Address - Street Number and Name (Apt. No., R.R. No.)	
City, Town, Village	Telephone No.
Province	Postal Code

Head Office Location

Address - Street Number and Name	
City, Town, Village	Telephone No.
Province	Postal Code

Mailing Address (if different)

Address - Street Number and Name	
City, Town, Village	Telephone No.
Province	Postal Code

Source of Funding - Attach Agreement Copy

List Names and Addresses of principals and corporate data (where applicable) - attach list if space insufficient

Principal Business Activity

	<input type="checkbox"/> Public <input type="checkbox"/> Private
--	---

Authorized and Issued Capital	
Ontario Corporations Tax Branch Account Number	Fiscal Period

Directors and Officers

Attach list showing position title and name.
--

Signature of Applicant	Name - Print	Position Title or Occupation
------------------------	--------------	------------------------------

Enclose copy of latest Annual Report

### Property Description and Location

List Townships or Claim Map Area, Mining Licence, Claim Numbers or Letter Numbers, Concession and Part of Lots if Patented Lots and Mining Division or Regional Geological Area Property is located in

[illegible]

Attach Claim Map outlining property and note access from nearest major town


**Attach copy of Property Title or Option Agreement**


Is property in good standing with respect to taxes, rent, etc.?

☐ Yes      ☐ No      If no, explain

☐ Yes    ☐ No    If no, explain

Has this program, subject to Designation, ever applied for or sought Federal or Provincial Aid, such as the "Mineral Exploration Assistance Program" (MEAP), "Small Business Development Corporations Program" (SBDPC) or any other form of Government assistance?

☐ No      ☐ Yes      If yes, explain

☐ No    ☐ Yes    If yes, explain

Proposed Budget and Period

If space insufficient, attach separate sheet.

Preliminary Exploration		Total
Preliminary Examination of Property and Associated Costs	_____ hours/days @ \$ _____	\$ _____
Prospecting, Map Preparation and Associated Costs	_____ hours/days @ \$ _____	_____
Line Cutting, Chaining, Picketting, Grid Layout and Associated Costs	_____ miles @ \$ _____	_____
Geophysical Surveys, Map and Report Preparation and Associated Costs (specify)	_____ miles @ \$ _____	_____
(specify)	_____ miles @ \$ _____	
(specify)	_____ miles @ \$ _____	
Geological Surveys, Map and Report Preparation and Associated Costs	_____ miles @ \$ _____	_____
Geochemical Surveys, Map and Report Preparation and Associated Costs (specify)	_____ miles @ \$ _____	_____
(specify)	_____ miles @ \$ _____	
(specify)	_____ miles @ \$ _____	
Drilling, Mobilization, Logging Core, Map and Report Preparation and Associated Costs	_____ feet @ \$ _____	_____
Dewatering, Rehabilitation, Sampling, Assaying, Map and Report Preparation and Associated Costs (specify)		_____
(specify)		
(specify)		
(specify)		
Stripping, Trenching, Map and Report Preparation and Associated Costs	_____ yards @ \$ _____	_____
	_____ hours/days @ \$ _____	_____
Other Preliminary Exploration and Associated Costs Depreciation (attach detailed schedules)		_____
(specify)		
(specify)		
Preliminary Exploration—Total		\$ _____

Advanced Exploration		Total
Shaft Sinking, Drifting, other Lateral Excavation and Associated Costs (25% of total eligible expenses allowed)	\$ _____ per hour/day/feet/yards \$ _____ \$ _____	_____ (25%)
	\$ _____ per hour/day/feet/yards \$ _____	
Temporary Construction — Camp, Access Roads, Infrastructure, etc. (25% of total eligible expenses allowed)		_____ (25%)
Other Advanced Exploration and Associated Costs Depreciation (attach detailed schedule)		_____
(specify)		
(specify)	\$ _____	
Estimated Commencement Date of Program	Estimated Termination Date of Program	Advanced Exploration—Total \$ _____
		Proposed Budget—Grand Total \$ _____

Attach brief explanation of purpose of program and metal or mineral sought in proposal.

The Ministry of Natural Resources may verify all statements related to and made herein this application.

### STATUTORY DECLARATION

I, \_\_\_\_\_  
of the \_\_\_\_\_  
in the Province of \_\_\_\_\_  
solemnly declare that:

1. I am the person or the representative of the person named in the application for designation under section 2 of the *Ontario Mineral Exploration Program Act*.
2. I have complied with all the requirements of the said Act and the regulations made thereunder.
3. I understand that it is an offence under the said Act to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
4. The person named in the said application is ordinarily resident in Canada.
5. I am not a person, nor am I a representative of a person, as the case may be, actively engaged in mineral production in Ontario.
6. I am not an associate of nor do I represent an affiliated corporation or an associate of any person actively engaged in mineral production in Ontario.
7. The proposed mineral exploration program which is the subject of the said application has not previously qualified for or received Federal Government or Ontario Government financial assistance.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

Declared before me at the \_\_\_\_\_

of \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_, 19\_\_\_\_.

A Commissioner, etc.

O. Reg. 737/80, Form 1.

## Form 2

*Ontario Mineral Exploration Program Act*

Ontario

Ministry of  
Natural  
ResourcesOntario Mineral  
Exploration  
Program Act,**Application for Grant or  
Certificate of Entitlement  
to Tax Credit**Registration No. **Instructions**

- Application must be accompanied by related material, financial statements and records setting out amounts actually spent on eligible exploration expenses.
- Please type or print and submit related material as noted above as well as the full and completed form to:  
OMEP  
Room 4649, Whitney Block,  
Queen's Park, Toronto, Ontario  
M7A 1W3

**Applicant's Identification and Location**

Name		
Address -- Street Number and Name (Apt. No., R.R. No.)		Telephone No.
City, Town, Village	Province	Postal Code

**Head Office Location**

Address -- Street Number and Name		Telephone No.
City, Town, Village	Province	Postal Code

**Mailing Address (if different)**

Address -- Street Number and Name		Telephone No.
City, Town, Village	Province	Postal Code

**Source of Funding -- Attach Agreement Copy**

List Names and Addresses of principals and corporate data (where applicable) -- attach list if space insufficient

**Principal Business Activity**

	<input type="checkbox"/> Public <input type="checkbox"/> Private
--	---

Authorized and Issued Capital	
Ontario Corporations Tax Branch Account Number	Fiscal Period

**Directors and Officers**

Attach list showing position title and name.
--

Have you previously filed for grant or tax credit?	Is there any material, financial, or other difference since filing OMEP Form 1?
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
If "Yes" to either of the above two queries, explain on separate sheet and attach.	

Actual Commencement Date of Program	Actual Termination Date of Program
Signature of Applicant	Date of Application

Statutory Declaration on Page 4 must be completed.

## Program Expenditure Detail

Preliminary Exploration	If space insufficient, attach separate sheet	Budget	Actual
Preliminary Examination of Property and Associated Costs	_____ hours/days @ \$ _____	\$	\$
Prospecting, Map Preparation and Associated Costs	_____ hours/days @ \$ _____		
Line Cutting, Chaining, Picketting, Grid Layout and Associated Costs	_____ miles @ \$ _____		
Geophysical Surveys, Map and Report Preparation and Associated Costs (specify)	_____ miles @ \$ _____		
(specify)	_____ miles @ \$ _____		
Geological Surveys, Map and Report Preparation and Associated Costs	_____ miles @ \$ _____		
Geochemical Surveys, Map and Report Preparation and Associated Costs (specify)	_____ miles @ \$ _____		
(specify)	_____ miles @ \$ _____		
Drilling, Mobilization, Logging Core, Map and Report Preparation and Associated Costs	_____ feet @ \$ _____		
Dewatering, Rehabilitation, Sampling, Assaying, Map and Report Preparation and Associated Costs (specify)			
(specify)			
(specify)			
Stripping, Trenching, Map and Report Preparation and Associated Costs	_____ yards @ \$ _____		
	_____ hours/days @ \$ _____		
Other Preliminary Exploration and Associated Costs Depreciation (attach detailed Schedules)			
(specify)			
(specify)			
Preliminary Exploration — Total		\$	\$
<b>Advanced Exploration</b>			
Shaft Sinking, Drifting, Other Lateral Excavation and Associated Costs (25% of total eligible expenses allowed)	\$ _____ per hour/day/feet/yards \$ _____		
	\$ _____ per hour/day/feet/yards \$ _____		
Temporary Construction — Camp, Access Roads, Infrastructure, etc. (25% of total eligible expenses allowed)			
Other Advanced Exploration and Associated Costs Depreciation (attach detailed schedule)			
(specify)			
(specify)			
Advanced Exploration — Total		\$	\$
Total Eligible Exploration Expenditures		\$	\$
Less Proceeds from Mineral Resource Disposition (supply details)			
Net Eligible Exploration Expenditures			\$
Grant and/or Tax Credit (25%)			\$
Non-Eligible Program Expenditures (supply details)		\$	

Supplementary Information Subject to Geographic Confines of Local or Outside Area

Labour/Wages		Approximate figures acceptable				
Type	No. of Men Employed		No. of Man Days Labour		Wages Paid	
	Local	Outside	Local	Outside	Local	Outside
Linecutters					\$	\$
General Labour						
Prospectors						
Technicians						
Diamond Drillers						
Geologists						
Geophysicists						
Geochemists						
Supervisory & Consulting						
Other						
Total					\$	\$

Goods / Services		Local	Outside
Meals		\$	\$
Camping Supplies, Equipment			
Accommodation			
Diamond Drilling – Contract			
Diamond Drilling – Other			
Transportation – Air			
– Vehicle Rentals			
– Cost of Operating Vehicles			
– Other			
Equipment Rentals – Trenching			
– Geophysical, etc.			
– Other			
Assays			
Communication			
Overhead			
Other			
Total		\$	\$
GRAND TOTAL – Labour/Wages + Goods/Services		\$	\$

The Ministry of Natural Resources may verify all statements related to and made herein this application.

### STATUTORY DECLARATION

I, \_\_\_\_\_  
of the \_\_\_\_\_  
in the Province of \_\_\_\_\_  
solemnly declare that:

1. I am the person or the representative of the person named in the application for a grant or tax credit under section 3 of the *Ontario Mineral Exploration Program Act*.
2. I have complied with all the requirements of the said Act and the regulations made thereunder.
3. I understand that it is an offence under the said Act to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
4. The person named in the said application is ordinarily resident in Canada.
5. I am not a person, nor am I a representative of a person, as the case may be, actively engaged in mineral production in Ontario.
6. I am not an associate of nor do I represent an affiliated corporation or an associate of any person actively engaged in mineral production in Ontario.
7. The proposed mineral exploration program that is the subject of the said application has not previously qualified for or received Federal Government or Ontario Government financial assistance.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

Declared before me at the \_\_\_\_\_

of \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_, 19 \_\_\_\_\_

A Commissioner, etc.

O. Reg. 737/80, Form 2.



Ontario Mineral  
Exploration  
Program  
Act

Certificate of  
Entitlement to  
Tax Credit

OMEPA Registration Number
Ontario Corporation Tax Branch Account No.
Company's Fiscal Year

No. \_\_\_\_\_

This is to certify that

is entitled to a tax credit of \$ \_\_\_\_\_ (equal to 25% of the eligible exploration expenses of \$ \_\_\_\_\_ incurred by the corporation under the OMEPA designated program) for the fiscal year \_\_\_\_\_ and thereupon the corporation may deduct from the tax otherwise payable by it under Part II of the Corporations Tax Act, the amount of the tax credit to which it is entitled (in accordance with section 3 (2) of the Ontario Mineral Exploration Act).

\_\_\_\_\_  
Executive Coordinator/Director OMEPA

Form 4

Ontario Mineral Exploration Program Act



Ministry of  
Natural  
Resources

Ontario Mineral  
Exploration  
Program  
Act

Application for  
Grant in Lieu of  
Tax Credit

OMEPA Registration Number
Ontario Corporation Tax Branch Account No.
Company's Fiscal Year

Name of Corporation \_\_\_\_\_

Having received Certificate of Entitlement to Tax Credit No. \_\_\_\_\_ under the *Ontario Mineral Exploration Program Act*, and being principally engaged in mineral exploration do hereby make application for payment of a grant equal to the unused portion of tax credit in the amount of \$ \_\_\_\_\_

Date \_\_\_\_\_

Applicant \_\_\_\_\_

FOR MINISTRY OF NATURAL RESOURCES USE ONLY

Certified that the above named Corporation is entitled to a grant in lieu of tax credit.

FOR MINISTRY OF REVENUE USE ONLY

Total Tax Credit Entitlement \$ \_\_\_\_\_  
Applied against taxes under Part II of the *Corporations Tax Act* \_\_\_\_\_  
Unused portion convertible to grant \$ \_\_\_\_\_

Certified this \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_\_

Ministry of Revenue

Executive Coordinator/Director OMEPA

Authorized Officer

## Form 5

*Ontario Mineral Exploration Program Act*



Ontario

Ministry of  
Natural  
Resources

Ontario Mineral  
Exploration  
Program  
Act

## Notice of Objection

Registration No.

Name \_\_\_\_\_

Street Name and Number

City, Town, Village

Province

Designated Program No.

objects to the determination or decision by the Minister of Natural Resources of the amount of \$ \_\_\_\_\_

as the grant or tax credit entitlement for eligible exploration expenses incurred under the designated program and

claim the amount of \$\_\_\_\_\_ for the following reasons:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

(if space insufficient, attach additional sheets)

Year/Month/Day

Signature \_\_\_\_\_

Position (if applicable)

A notice of objection must be sent by registered mail addressed to the Minister within sixty days from the date of the notice of the determination or decision by the Minister under subsection 7 (1) or (2) of the Act.



## REGULATION 722

under the Ontario Municipal Board Act

### PROCEDURE

#### INTERPRETATION

1. In these Rules,

- (a) "applicant" includes a complainant and any person or corporation applying to the Board to hear and determine any matter or thing;
- (b) "applicant" includes a complaint and any other proceeding, matter or thing that the Board can hear and determine;
- (c) "respondent" includes any person or corporation adverse in interest to an applicant. R.R.O. 1970, Reg. 637, s. 1.

2. Where any matter is not expressly provided for by these Rules, the Rules of Practice under the *Judicature Act* shall be followed as far as they are applicable, as determined by the Board. R.R.O. 1970, Reg. 637, s. 2.

3. The *Interpretation Act* and the interpretation clauses of the *Judicature Act* and of the *Railway Act* apply to these Rules unless the context otherwise requires. R.R.O. 1970, Reg. 637, s. 3.

#### APPLICATIONS

4. Applications to the Board shall be by notice in writing in Form 1, divided into paragraphs numbered consecutively and shall set forth clearly and concisely the nature of the application and the relief or remedy sought. R.R.O. 1970, Reg. 637, s. 4.

5. Where a notice is given by a solicitor, it shall contain the solicitor's name and his address where documents may be served. R.R.O. 1970, Reg. 637, s. 5.

6. Where proceedings are instituted in person, the notice shall contain the address for service of the person giving the notice and if the person instituting the proceedings does not comply with the requirements of this section, the opposite party may serve him with a document by posting the document in the offices of the Board in the City of Toronto. R.R.O. 1970, Reg. 637, s. 6.

7. The notice commencing proceedings before the Board shall be mailed to or filed with the secretary of the Board at the offices of the Board in the City of Toronto, and shall be served upon the respondent in the manner provided by section 76 of the Act. R.R.O. 1970, Reg. 637, s. 7.

### REPLY

8.—(1) Where a reply is directed to be filed and served, it shall be in Form 3 and shall set forth clearly and concisely the respondent's answer to the application, divided into paragraphs and numbered consecutively, and shall admit such parts of the application as are not in dispute.

(2) The reply shall contain the respondent's address for service if filed in person, and that of his solicitor if filed by a solicitor. R.R.O. 1970, Reg. 637, s. 8.

9. The reply shall be delivered to the secretary of the Board or mailed to him by prepaid mail, and a copy thereof shall be served upon the applicant in the manner provided by section 76 of the Act or upon the solicitor of the applicant at his address set forth in the notice. R.R.O. 1970, Reg. 637, s. 9.

### HEARING

10. At least ten days after the service on the respondent of the notice of application, either party may apply to the Board on notice of motion in writing for an order fixing the time, place and manner of hearing the application and the order may direct the respondent to file and serve a reply, and if the opposite party does not appear on the motion the order shall be served upon the said opposite party or his solicitor at least ten days before the hearing. R.R.O. 1970, Reg. 637, s. 10.

11. The Board may direct that affidavits filed with the secretary and such other documentary evidence as the parties may adduce shall be received in evidence. R.R.O. 1970, Reg. 637, s. 11.

12. The party commencing proceedings before the Board shall, at least two clear days before the hearing, deposit with the secretary of the Board three copies of the notice of application and reply, if any. R.R.O. 1970, Reg. 637, s. 12.

13.—(1) Where an affidavit is to be offered in evidence in support of an application, a copy shall be served with the order for hearing, and any affidavits in defence shall be filed with the secretary and served on the opposite party within eight days of the filing.

(2) Any affidavits in answer to the affidavits filed in defence shall be filed and served by the applicant upon the respondent within four days after the service of the affidavits in defence. R.R.O. 1970, Reg. 637, s. 13.

14. At least ten days after the respondent is served with the notice of application, the Board may make orders for production of documents, for inspection, for examinations for discovery, for the examination of witnesses who cannot attend the hearing by reason of sickness or other unavoidable cause, and for the examination of witnesses residing outside Ontario, as the nature of the application requires and upon such terms as the Board orders or directs. R.R.O. 1970, Reg. 637, s. 14.

15. Any party may give another party notice in writing to produce any document that relates to any matter in question before the Board and that is in his custody, power or possession, and if the notice is not complied with, secondary evidence of the documents may be given. R.R.O. 1970, Reg. 637, s. 15.

16. A party may, by notice in writing, call upon any other party to admit any document that requires to be proved and in default of notice to admit, the costs of proving the document shall not be allowed except where, in the opinion of the Board, the omission to give the notice was a saving of expense. R.R.O. 1970, Reg. 637, s. 16.

17. At the hearing of an application, the party commencing the proceedings shall begin and, after the evidence in defence is given, has the right to reply. R.R.O. 1970, Reg. 637, s. 17.

18.—(1) There shall be at least two clear days between the service of a notice of motion and the day fixed for a hearing, unless the Board gives leave to serve short notice.

(2) In the computation of the two clear days, Sundays and days on which the offices are closed shall not be reckoned.

(3) No notice of motion shall be served unless an appointment has been first obtained from the Board for hearing the motion. R.R.O. 1970, Reg. 637, s. 18.

#### TIME

19. No trial or hearing shall take place or motion be heard during the long vacation or the Christmas vacation observed by the Supreme Court of Ontario, unless otherwise directed by the Board in case of urgency, and such vacations shall not be reckoned in the computation of the times allowed by these Rules for filing or delivering a notice of application or a reply. R.R.O. 1970, Reg. 637, s. 19.

20. In all cases in which any particular number of days, not expressed to be clear days, is prescribed by these Rules, the number shall be reckoned by excluding the first day and including the last day. R.R.O. 1970, Reg. 637, s. 20.

#### POWERS OF BOARD

21. Where, in the opinion of the Board, an amendment to any document filed with the Board is necessary for determining the real question at issue between the parties, the Board may direct the amendment upon such terms as the Board in its discretion considers just. R.R.O. 1970, Reg. 637, s. 21.

22. The Board may enlarge or abridge the time appointed by these Rules for doing anything or taking any proceeding, upon such terms as the Board considers just. R.R.O. 1970, Reg. 637, s. 22.

23. The Board may from time to time adjourn any proceeding before it. R.R.O. 1970, Reg. 637, s. 23.

#### GENERAL

24. No proceeding before the Board shall be defeated or affected by any technical objection or by any objection based upon defects in form. R.R.O. 1970, Reg. 637, s. 24.

25.—(1) Unless otherwise ordered by the Board, the applicant or his solicitor shall prepare the formal order made by the Board and submit it to the respondent or his solicitor for approval, and, if the parties fail to agree on the form of the order, the order shall be settled by the secretary of the Board.

(2) When settled, the order shall be engrossed in duplicate and left with the secretary to be signed and sealed and entered by him in the book kept for that purpose. R.R.O. 1970, Reg. 637, s. 25.

26. The forms hereto are prescribed for use with such variations as circumstances or the nature of the application require and, where no form is prescribed, the forms prescribed by the Rules of Practice under the *Judicature Act* may be adopted. R.R.O. 1970, Reg. 637, s. 26.

#### Form 1

*Ontario Municipal Board Act*

ONTARIO MUNICIPAL BOARD

Between:

Applicant,

and

Respondent.

#### NOTICE OF APPLICATION

1. The Applicant is (here give a general description of the Applicant):

2. The Respondent is (here give a general description of the Respondent):

3. (Here follows the complaint or application):

4. (Here follows the nature of the relief or remedy sought):

5. This application will be heard by the Board after ten days from the service hereof, at such time and place and in such manner as the Board orders and directs.

6. This notice is given by ..... of the ..... of ..... in the County of ..... , Solicitor for the Applicant (or this Notice is given by ..... of the ..... the Applicant in person).

Signature of Solicitor or Applicant.

R.R.O. 1970, Reg. 637, Form 1.

## Form 2

### *Ontario Municipal Board Act*

Form of Application where there is no Opposite Party.

#### ONTARIO MUNICIPAL BOARD

In the matter of the Application of ..... of the ..... of ..... in the County, etc. of ..... for and order for .....

The Applicant hereby applies to the Board for an order under (citing the legislation) for (here set forth the nature of the application and order asked for):

This Application is made by ..... of the ..... of ..... in the County, etc. of .....

Solicitor for the Applicant: (or) this Application is made by (the Applicant in person).

Signature of Solicitor or Applicant.

R.R.O. 1970, Reg. 637, Form 2.

## Form 3

### *Ontario Municipal Board Act*

#### REPLY

Style of Cause as in Form 1.

1. The reply of the above named Respondent to the Notice of Application of the above named Applicant.

2. The Respondent admits paragraphs 1, 2 or 3 (as the case may be) of the Notice.

3. The Respondent says that (here set forth reply).

4. The Respondent says that the Applicant is not entitled to the relief or remedy sought or he is only entitled to the following relief or remedy (as the case may be).

5. This reply is made by ..... of ..... , Solicitor for the above named Respondent: (or) this reply is made by ..... of ..... (the Respondent in person).

Signature of Solicitor or Respondent (as the case may be).

R.R.O. 1970, Reg. 637, Form 3.

## Form 4

### *Ontario Municipal Board Act*

#### FORM OF ORDER FOR PRODUCTION

Style of Cause same as in Form 1.

Upon the application of the .....

It is ordered that the .....

do within ten days after the service of this Order make discovery on oath of the documents which are or have been in ..... possession or power relating to any matters in question in this application and do produce to and deposit the same with the Secretary of the Board at Toronto for the usual purposes.

Dated this ..... day of ....., 19...

R.R.O. 1970, Reg. 637, Form 4.

Form 5

*Ontario Municipal Board Act*

FORM OF AFFIDAVIT AS TO PRODUCTION  
OF DOCUMENTS

Style of Cause same as in Form 1.

I,.....  
the above named....., make  
oath and say as follows:

1. I have in my possession or power the docu-  
ments relating to the matters in question in this  
application set forth in the Parts I and II of  
Schedule 1 hereto.

2. I object to producing the documents set forth  
in Part II of Schedule 1 hereto.

3. That

4. I have had, but have not now, in my possession  
or power the documents relating to the matters in  
question in this application set forth in Schedule 2  
hereto.

5. The last mentioned documents were last in my  
possession or power on.....

6. That

7. According to the best of my knowledge, infor-  
mation and belief, I have not now and never had  
in my possession, custody or power, or in the  
possession, custody or power of my solicitor or agent,  
or in the possession, custody or power of any other  
person or persons on my behalf, any deed, account,  
book of account, voucher, receipt, letter, memo-  
randum, paper or writing, or any copy of or extract  
from any such document, or any other document  
whatsoever, relating to the matters in question in  
this application, or any of them, or wherein any  
entry has been made relative to such matters or  
any of them, other than and except the documents  
set forth in Schedules 1 and 2, and the pleadings and  
other proceedings in the application.

Sworn before me at....  
in the.....of.....  
this.....day of.....,  
19...

A Commissioner, etc.

SCHEDULE 1

PART I—Showing documents in my possession  
that I do not object to producing.

PART II—Showing documents in my possession  
that I object to producing.

SCHEDULE 2

Showing documents that I have had, but have  
not now, in my possession or power.

R.R.O. 1970, Reg. 637, Form 5.

Form 6

*Ontario Municipal Board Act*

FORM OF ORDER FOR EXAMINATION  
FOR DISCOVERY

Style of Cause same as in Form 1.

Upon the application of the.....

IT IS ORDERED THAT THE

above named.....do attend  
before.....at such time and place as  
he shall by writing hereon endorse appoint, and  
submit to be examined *viva voce* upon oath touching  
his knowledge of the matters in question in the  
application. And the cost of this order and costs  
of such examination are reserved.

Dated this.....day of....., 19...

Pursuant to the within Order, .....do  
hereby appoint.....the.....day of  
....., 19..., at the hour of.....  
o'clock in the.....noon at.....  
for the examination of the within named.....  
Dated this.....day of....., 19...

R.R.O. 1970, Reg. 637, Form 6.

Form 7

*Ontario Municipal Board Act*

FORM OF NOTICE TO PRODUCE

Style of Cause same as in Form 1.

Take notice that you are hereby required to  
produce and show to the Board at the hearing of  
this application all books, papers, letters, copies of

letters and other writings and documents in your custody, possession or power containing any entry, memorandum or minute relating to the matters in question in this application and particularly those hereinafter specified.

Dated this.....day of....., 19....

To the above named

Solicitor or Agent.

Solicitor for the above named

Description of Documents	Dates

R.R.O. 1970, Reg. 637, Form 7.

Form 8

Ontario Municipal Board Act

FORM OF NOTICE TO ADMIT

Style of Cause same as in Form 1.

Take notice that the.....purpose to adduce in evidence the several documents hereinunder specified and that the same may be inspected

by the.....himself, his solicitor.....

or agent....., at.....on.....

day, the.....day of.....between

the hours of.....and.....in the.....

noon, and the.....is hereby required, within four days from the said day to admit that such of the said documents as are specified to be originals were respectively written, signed or executed, as they purport respectively to have been; that such as are specified as copies are true copies; and that such documents as are stated to have been served were served or delivered respectively; saving all just exceptions to the admissibility of all such documents as evidence on this application.

Dated this.....day of....., 19....

To the above named.....

Yours, etc.

and to.....  
Solicitor or Agent  
his Solicitor or agent.

ORIGINALS

Description of Documents	Dates

COPIES

Description of Documents	Dates	Original or Duplicate served, sent or delivered, when, how and by whom

R.R.O. 1970, Reg. 637, Form 8.

Form 9

Ontario Municipal Board Act

SUMMONS TO WITNESS

RE:

To:

You are summoned and required to attend before the Ontario Municipal Board at a hearing to be held

at.....in the.....

of.....on.....day, the.....day

of....., 19...at the hour of.....o'clock

in the.....noon, and so from day to day until the hearing is concluded, to give evidence on oath touching the matters in question in the proceedings and to bring with you and produce at the time and place

Dated this.....day of....., 19....

ONTARIO MUNICIPAL BOARD:

Secretary

R.R.O. 1970, Reg. 637, Form 9.

Form 10

*Ontario Municipal Board Act*

FORM OF FINAL ORDER

ONTARIO MUNICIPAL BOARD

BEFORE:

.....	.....the.....
Chairman,	
.....	day of.....,
Vice-Chairman, and	19....
.....	
Member	

BETWEEN:

Applicant,  
  
and  
  
Respondent.

UPON THE APPLICATION of the above named Applicant, in the presence of the Applicant and Respondent, upon hearing the evidence adduced on behalf of the Applicant and Respondent and upon hearing counsel for the Applicant and Respondent (or upon hearing the Applicant and Respondent in person, as the case may be),

THE BOARD ORDERS:

(here set forth what the Board orders).

R.R.O. 1970, Reg. 637, Form 10.

REGULATION 723

under the Ontario Municipal Board Act

TARIFF OF FEES

1. The fees payable to the Board are,
- (a) in respect of a proceeding set out in column 2 under the section set out opposite thereto in column 1 and under the Act referred to in the heading of the Schedule, the amount set out opposite thereto in column 3 of Schedules 1 to 8; and
- (b) in respect of a proceeding set out in column 1 of Schedule 9, the amount set out opposite thereto in column 2 of Schedule 9. O. Reg. 27/73, s. 1.

Schedule 1

*Ontario Municipal Board Act*

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 58	Approval of debenture by-laws and certification of the validity of debentures,  for any amount up to and including \$15,000 .....  for each additional \$1,000 or fraction thereof in excess of \$15,000, up to and including \$50,000 .....  for each additional \$1,000 or fraction thereof in excess of \$50,000 .....  MAXIMUM .....	\$ 25   1  .50  1,000
2.	section 63	Dispensation of vote of electors .....	25
3.	section 64	Approval of undertakings, works, projects, schemes, acts, matters or things,  for any amount up to and including \$25,000 .....  for each additional \$1,000 or fraction thereof in excess of \$25,000, up to and including \$500,000 .....  for each additional \$1,000 or fraction thereof in excess of \$500,000, up to and including \$3,000,000 .....  for each additional \$1,000 or fraction thereof in excess of \$3,000,000, up to and including \$5,000,000 .....  for each additional \$1,000 or fraction thereof in excess of \$5,000,000 .....  MAXIMUM .....	25  1  .50  .25  .10  1,000

Schedule 2  
*Municipal Act*

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 10	Incorporations .....	\$75
2.	section 11	Erections .....	75
3.	section 13	Alteration of ward boundaries .....	75
4.	section 14	Amalgamations and annexations .....	75
		Supplementary orders .....	75
5.	section 15	Alteration of areas .....	75
6.	section 148	Approval of passing of a by-law providing for debentures payable in sterling money of Great Britain or dollars of the United States of America .....	75
7.	section 148	Where by-law covers works approved by more than one order of the board, for each additional order to be checked .....	2
8.	subsection 170(4)	Applications of amounts not required for purposes of debentures	75
9.	section 173	Application of sinking fund surplus .....	75
10.	section 189	Increased borrowing by councils .....	75

O. Reg. 234/80, s. 1, *part.*

Schedule 3  
*Local Improvement Act*

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 27	Approval of larger cost sharing by corporations .....	\$75
2.	subsection 52(4)	Appeal of special assessments .....	50

O. Reg. 234/80, s. 1, *part.*

Schedule 4  
*Ontario Water Resources Act*

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.		Approval of provincial programs .....	\$75

O. Reg. 234/80, s. 1, *part.*

Schedule 5

Planning Act

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	subsection 8(5)	Apportionments .....	\$50
2.	subsection 17(5)	Reference on amendments to official plan .....	50
3.	section 22	Approval of redevelopment plans .....	50
4.	subsection 36(7)	Reference on conditions to a plan of subdivision .....	50
5.	subsection 39(9)	Approval of restricted area by-laws .....	50
6.	subsection 39(23)	Appeal on restricted area by-laws .....	75
7.	section 49	Appeal of decisions of committee of adjustment .....	75
8.	section 51	Reference on approval or consent of Minister to official plans and subdivision plans .....	25

O. Reg. 234/80, s. 1, *part.*

Schedule 6

Public Transportation and Highway Improvement Act

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 37	Approval of road closings .....	\$50
2.	section 96	Approval of designations of roads as controlled-access roads ....	50
3.	subsection 97(2)	Approval of municipal road closings .....	50

O. Reg. 234/80, s. 1, *part.*

Schedule 7

Conservation Authorities Act

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 24	Approval of projects .....	\$50
2.	section 25	Review of apportionments .....	50
3.	section 38	Approval of salary, expenses and allowances of members .....	50

O. Reg. 234/80, s. 1, *part.*

Schedule 8  
Assessment Act

ITEM	COLUMN 1	COLUMN 2	COLUMN 3
1.	section 47	Appeal of assessments . . . . .	\$75
2.	subsection 55(4)	Review of equalized assessments and equalization factors . . . . .	50

O. Reg. 234/80, s. 1, *part.*

Schedule 9  
General

ITEM	COLUMN 1	COLUMN 2
1.	Where approval is required of a municipal by-law and there is no capital expenditure	\$ 50
2.	Applications, references or appeals not specifically referred to in Schedules 1 to 8, both inclusive . . . . .	50
3.	For protracted contentious hearings, an amount in addition to those fees prescribed in Schedules 1 to 8, both inclusive . . . . .	300
4.	Copies of documents,	
	minimum charge for copies . . . . .	1
	charge per page . . . . .	.30
	certification . . . . .	.50
	<i>subpoena</i> . . . . .	3

O. Reg. 234/80, s. 1, *part.*

## REGULATION 724

### under the Ontario Municipal Employees Retirement System Act

#### GENERAL

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "actuarially equivalent" means of equal value according to the actuarial assumptions prescribed by the actuary;
- (b) "actuary" means the actuary appointed by the Board;
- (c) "beneficiary" means a beneficiary designated under this Regulation;
- (d) "continuous service" means unbroken service, and such service shall be deemed not to be broken by,
  - (i) a period not in excess of six months between employment by one participating employer and employment by another or the same participating employer if the member has not received a refund of contributions under section 18,
  - (ii) a leave of absence for any reason where the employer has authorized such leave and either before or after the commencement of such leave has agreed that it shall be deemed not to be a break in service,
  - (iii) in any case where the member is not considered under section 13 to be totally disabled, an absence that the employer determines is caused by the member being wholly prevented by mental or physical incapacity from performing the regular duties of the occupation of the member,
  - (iv) an absence due to a strike or lockout as defined in the *Labour Relations Act*,
  - (v) in the case of a member who is a councillor, two consecutive terms of council for which the member is not in office,
  - (vi) a period, prior to the normal retirement date of a member, during which the member is in receipt of a pension under section 13, or
  - (vii) the period of a layoff for so long as recall rights exist or the employer reasonably expects to recall the member;
- (e) "contributory earnings" means, in the case of an employee who is a member,
  - (i) before the 1st day of January, 1978 the earnings of a member, and
  - (ii) on and after the 1st day of January, 1978 the earnings of a member exclusive of salary or wages paid for overtime, payments made with respect to unused sick leave credit gratuities and payments made as retirement bonuses or otherwise as a result of retirement or other termination of employment whether in respect of long service or otherwise,and in the case of a councillor who is a member, means any moneys paid to him for his services as a councillor under the *Municipal Act* or under any Act establishing a metropolitan, regional or district municipality;
- (f) "credited service" means the service of a member within the last period of continuous service for which contributions under section 9 have been made and have not been refunded and includes any service established for a member in accordance with sections 13 and 22;
- (g) "effective date" means the date upon which an employer commences to participate in the System in respect of both councillors and employees or in respect of either of them, as the case may be, according to the Act and this Regulation;
- (h) "executive-director" means the executive-director appointed by the Board;
- (i) "pensionable earnings" means,
  - (i) where a member has sixty or more months of credited service the result obtained by taking the sum of the member's contributory earnings for the sixty months of consecutive credited service during which such contributory earnings were the highest and dividing such sum by five, and

- (ii) where a member has less than sixty months of credited service, the result obtained by taking the sum of the member's contributory earnings, dividing such sum by the number of months of such service and multiplying the figure so obtained by twelve,

provided that, for the purposes of clause (f) and this clause, "month" means any calendar month in which a member is in the employ of a participating employer for fifteen days or more;

- (j) "present value" means an amount that is actuarially equivalent to a payment or payments that become due in the future;
- (k) "prior service agreement" means an agreement entered into under this Regulation for the provision of benefits in respect of prior service;
- (l) "retire" means retire from service and "retirement" has a corresponding meaning;
- (m) "supplementary agreement" means an agreement entered into under this Regulation for the provision of supplementary benefits. O. Reg. 936/77, s. 1; O. Reg. 1012/80, s. 1.

#### MANAGEMENT AND ADMINISTRATION

### 2.—(1) The Board shall be composed of,

- (a) eight persons who are employees of an employer who has elected to participate in the System, at least three of whom shall be officers of such an employer;
- (b) two persons who are members of the council of a participating municipality or of a participating local board of a municipality; and
- (c) one official of the Province of Ontario. O. Reg. 1012/80, s. 2 (1).

(2) The members of the Board shall be appointed by the Lieutenant Governor in Council and, subject to subsection (3), shall hold office for three years or such lesser period as the Lieutenant Governor in Council may determine and until their successors are appointed.

(3) If any member of the Board dies, becomes incapable of acting, resigns, is removed from office or ceases to hold the qualifications necessary for his appointment, he thereupon ceases to be a member of the Board.

(4) The Lieutenant Governor in Council shall appoint another eligible person to fill any vacancy

on the board as soon thereafter as is practicable and the person so appointed shall hold office for the unexpired portion of the term of the member he replaces, or for such lesser period as the Lieutenant Governor in Council may determine.

(5) A majority of the members of the Board holding office at the time any meeting is held constitutes a quorum for the purposes of such meeting.

(6) The Board shall elect from its members a chairman and a vice-chairman. O. Reg. 936/77, s. 2 (2-6).

(7) The fiscal year of the Board is the calendar year.

(8) The Board shall forward a copy of the annual report to every participating employer and may furnish a copy to any member upon request. O. Reg. 936/77, s. 2 (8, 9).

#### DUTIES OF THE EXECUTIVE-DIRECTOR

### 3.—(1) The executive-director,

- (a) shall maintain the books of account, records and documents of the Board and whatever information is necessary for the financial, administrative and actuarial requirements of the Board;
- (b) shall receive, deposit and pay all moneys of the Fund in such manner as the Board directs;
- (c) shall receive, keep safely and deliver all securities of the Fund in such manner as the Board directs;
- (d) may borrow from time to time, as approved by the Board, such sums as are necessary to meet the needs of the Board and may furnish securities of the Fund as security therefor, if required;
- (e) shall determine whether or not a benefit is payable and the amount of a benefit that is payable under this Regulation;
- (f) shall determine, in the case of a disagreement, the date on which a benefit becomes or should have become payable under this Regulation; and
- (g) shall prepare an annual report to the Board on the affairs of the System.

(2) Any person who considers himself aggrieved by a determination made by the executive-director or by the failure of the executive-director to make a determination under clause (1) (e) or (f) or under any other provision of this Regulation relating to an approval, consideration or direction to be given or

other action to be taken by the executive-director may appeal to the Board from such determination or failure to make a determination and the decision of the Board is final. O. Reg. 936/77, s. 3.

#### DUTIES OF THE ACTUARY

4. The actuary shall, at the request of the executive-director, prepare and advise on whatever actuarial calculations, schedules or tables are necessary for the proper administration of the System. O. Reg. 936/77, s. 4.

#### DUTIES OF THE EMPLOYER

5.—(1) All member and employer contributions in respect of the contributory earnings of a member shall be paid by the employer to the Board so that they shall be received by the Board at its office in Toronto on or before the last day of the month next following the month in respect of which the contributions were made.

(2) When an employer fails to pay to the Board the contributions within the time limited in subsection (1), there shall be charged to the employer 1 per cent of the amount of the unpaid contributions on the first day of each subsequent month until the total amount due has been paid.

(3) An employer shall provide the executive-director with the name, sex, date of birth, marital status, earnings and service of each member and such other information as may be necessary for the administration of the System.

(4) An employer shall provide each member with an explanation, in writing, of the contributions required and of the pension benefits provided under the Act and this Regulation. O. Reg. 936/77, s. 5.

#### PARTICIPATION BY EMPLOYERS

6.—(1) An employer may participate in the System by submitting an election in writing to the executive-director.

(2) The effective date with respect to employees or councillors may be the first day of any month within the year in which the executive-director receives the employer's election to participate in the System in respect of such employees or councillors.

(3) Where an employer has elected to participate in the System a contribution is not payable and shall not be paid under an approved pension plan by or on behalf of an employee who is, or is entitled to be, a member of the System unless the contribution is for the purpose of providing a benefit that is not available under this Regulation. O. Reg. 936/77, s. 6.

#### MEMBERSHIP

7.—(1) Subject to subsections (2) and (3), every employee who is employed on a continuous full-time basis by an employer who has elected to participate in the System,

- (a) if his employment on such basis commenced before the effective date, is entitled to become a member;
- (b) if his employment on such basis commenced on or after the effective date, but before the 1st day of January, 1978, shall become a member on a day fixed by the employer that is within twelve months after the day on which the employee became employed on a continuous full-time basis but not later than the 1st day of January, 1978; and
- (c) if his employment on such basis commenced on or after the 1st day of January, 1978, shall become a member on the date he was so employed.

(2) If on the effective date the employer is required to make contributions to an approved pension plan under the terms of a bargaining agreement an employee to whom the agreement applies,

- (a) if his employment on a continuous full-time basis commenced before the date the agreement is terminated or before the 1st day of July, 1968, whichever is earlier, is entitled to become a member on or after a day fixed by the employer if 75 per cent of such employees who are under normal retirement age, apply to become members;
- (b) if his employment on a continuous full-time basis commenced after the date the agreement is terminated or after the 1st day of July, 1968, whichever is earlier, shall become a member on a day fixed by the employer that is within twelve months after the day on which the employee became employed on a continuous full-time basis but not later than the 1st day of January, 1978; and
- (c) if his employment on a continuous full-time basis commenced on or after the 1st day of January, 1978, shall become a member on the date he was so employed.

(3) If the employer makes contributions to an approved pension plan, an employee, other than an employee referred to in subsection (2), whose employment on a continuous full-time basis commenced before the effective date, is entitled to become a member on or after a day fixed by the employer if 75 per cent of such employees who are under normal retirement age apply to become members.

(4) Where an employer so approves, subsection (1) applies with necessary modifications to employees or any class thereof who are employed on other than a continuous full-time basis, except that "effective date" in that case means the date of such approval, but all such employees who are members on the 31st day of December, 1977 shall have continued membership in the System.

(5) In this section, an employee employed on a continuous full-time basis means an employee who is employed in a continuing position of the employer and who regularly works the normal full-time work week of the employer for similar work, but the executive-director may, in any case of disagreement, determine if an employee is employed on a continuous full-time basis.

(6) Where an employee is entitled to become a member under clause (1) (a) or clause (2) (a), such employee becomes a member on the first day of the month following the month in which his application is received by the executive-director provided that the executive-director may at the request of the employer fix an earlier day on which the employee becomes a member but not before the day on which the employee became entitled to be a member or the 1st day of January in the year in which the application is received by the executive-director.

(7) If a member transfers to the service of another employer, this section and sections 6, 9 and 10 apply as if he had not been a member before his transfer unless, by reason of sub-clause 1 (d) (i), his service is deemed not to be broken by such transfer.

(8) Where two or more employers are amalgamated, the new employer shall be deemed to have elected to participate in the System on the date of the amalgamation in respect of the employees and councillors, if any, of the former employers who were members of the System on the day immediately preceding such date and who are employed by the new employer on such date or are members of the council of the new employer on such date.

(9) Every councillor of a municipality that has elected to participate in the System in respect of councillors,

- (a) if he became a councillor of the municipality before the effective date with respect to councillors, shall become a member on the effective date; and
- (b) if he became a councillor of the municipality after the effective date with respect to councillors, shall become a member on the date on which he becomes a councillor of the municipality. O. Reg. 936/77, s. 7.

8. Notwithstanding clauses 1 (d), (e), (f) and (i), a member who is employed on other than a continuous full-time basis,

- (a) shall be deemed to have continuous service while so employed;
- (b) shall accrue credited service each year on a *pro-rata* basis to a member employed on a continuous full-time basis in a similar occupation with the employer; and
- (c) shall have his pensionable earnings calculated using annualized contributory earnings and continuous service in lieu of credited service. O. Reg. 936/77, s. 8.

#### CONTRIBUTIONS BY MEMBERS

9.—(1) Every member shall contribute to the Fund by payroll deduction in each pay period a percentage of his contributory earnings while he is an employee or councillor of an employer who participates in the System but no contribution shall be payable by a member from the first day of the month following the month in which he attains seventy-one years of age.

(2) The amount of contributions payable by a member under subsection (1) in respect of his contributory earnings in any pay period shall in the case of a member whose normal retirement age is,

- (a) sixty-five years, be  $5\frac{1}{2}$  per cent of his contributory earnings in a pay period up to the 31st day of December, 1977 and 7 per cent of his contributory earnings in a pay period thereafter reduced by  $1\frac{1}{2}$  per cent of that portion of his contributory earnings in a pay period that, if computed on an annual basis, would not exceed the Year's Maximum Pensionable Earnings as defined in the *Canada Pension Plan*; and
- (b) sixty years, be  $6\frac{1}{2}$  per cent of his contributory earnings in a pay period up to the 31st day of December, 1977 and 8 per cent of his contributory earnings in a pay period thereafter reduced by  $1\frac{1}{2}$  per cent of that portion of his contributory earnings in a pay period that, if computed on an annual basis, would not exceed the Year's Maximum Pensionable Earnings as defined in the *Canada Pension Plan*.

(3) At the option of the employer, the amount of contributions payable by a member under subsection (1) shall, instead of being computed in accordance with subsection (2), for ranges in contributory earnings not exceeding \$10 monthly, be computed on the average of the highest and lowest amounts in the range.

(4) Contributions made by members shall not be withdrawn from the Fund in whole or in part while the member remains an employee or councillor. O. Reg. 936/77, s. 9 (1-4).

(5) A member who does not make a contribution to the Fund under subsection (1) during an absence that is an absence described in subclause 1 (d) (iii) may establish as credited service the period of such absence by paying to his employer for payment into the Fund an amount equal to the amount of contribution calculated in accordance with subsection (1) as if the annual rate of contributory earnings of the member on the day immediately preceding such absence had been received by the member during such absence. O. Reg. 1012/80, s. 3 (1).

(6) In addition to the contributions payable by a member under this section, the member shall pay into the Fund such special contributions as may be payable by the member under section 10. O. Reg. 936/77, s. 9 (6).

(7) A member who became a member in accordance with clause 7 (1) (b) or clause 7 (2) (b) and did not become a member on the day he commenced employment on a continuous full-time basis may establish as credited service such period of employment before he became a member if, on or before a date designated by the Board, he elects to pay in a manner prescribed by the Board,

- (a) the amount of the contribution that he would have paid to the Fund under this section if such period of employment was with his current employer; or
- (b) twice the amount of the contribution that he would have paid to the Fund under this section if such period of employment was with a participating employer other than his current employer. O. Reg. 155/79, s. 1 (1); O. Reg. 1012/80, s. 3 (2).

(8) A member who did not make a contribution to the Fund under subsection (1) during an absence that was an absence described in subclause 1 (d) (ii) or (iv) may establish as credited service the period of such absence by paying into the Fund an amount equal to twice the amount of contribution calculated in accordance with subsection (1) as if the annual rate of contributory earnings of the member on the day immediately preceding such absence had been received by the member during such absence and,

- (a) if the absence terminates on or before the 31st day of December, 1977, the amount to be paid by the member shall be paid to the Fund on or before a date designated by the Board; and
- (b) if the absence terminates after the 31st day of December, 1977 the amount to be paid by the member shall be paid to the Fund on or before the end of the year next following the year in which the absence terminates. O. Reg. 936/77, s. 9 (8); O. Reg. 155/79, s. 1 (2, 3); O. Reg. 1012/80, s. 3 (3).

#### CONTRIBUTIONS BY EMPLOYERS

10.—(1) The Board, on the advice of the actuary, shall from time to time fix the rates to be used to calculate the amount of contributions to be paid into the Fund by an employer in respect of the contributory earnings of members and such rates shall be a percentage of the contributory earnings of the members after a date prescribed by the Board and shall be basic rates applicable to all employers in respect of members whose normal retirement age is sixty-five years and members whose normal retirement age is sixty years.

(2) The contributions to be paid by the employer to the Fund each month in respect of rates fixed under subsection (1) shall be determined by multiplying the monthly contributory earnings of the members by the rates fixed by the Board under subsection (1).

(3) The Board, on the advice of the actuary, shall from time to time fix the special contribution to be paid into the Fund in respect of the employees of an employer on whose behalf a contribution has been made to an approved pension plan by the employer after the 1st day of January, 1969 and who became members of the System after that date. O. Reg. 936/77, s. 10 (1-3).

(4) The special contribution fixed under subsection (3) shall be the amount by which the present value of the benefits to be earned by members referred to in subsection (3), as determined by the Board on the advice of the actuary, in respect of their service after the date they became members, exceeds the present value of the contributions, as determined by the Board on the advice of the actuary, to be paid by the employer and such members in respect of such service. O. Reg. 1012/80, s. 4, *part*.

(5) The special contribution fixed under subsection (3) is payable by the employer or the employees or by both of them in the proportion agreed to by the employer and the majority of the employees or, failing an agreement, in equal shares.

(6) The special contribution fixed under subsection (3) is payable to the Fund on or before the last day of the month next following the month in which the amount of the special contribution is fixed by the Board, or in five equal annual instalments commencing in such month, plus interest thereon, as determined by the Board, or in such manner as may be agreed upon by the Board and the employer.

(7) The rates under subsection (1) shall be such that, in the opinion of the actuary, such rates together with,

- (a) the contributions to be paid under subsections (3) and (8);
- (b) the contributions to be paid by the members under section 9; and

- (c) the income from investments plus profits less losses on the sale of the investments and any other credits of the Board,

shall provide for the payment of the benefits and the expenses under this Regulation. O. Reg. 936/77, s. 10 (5-7).

- (8) Where a member elects to make a contribution,

- (a) under subsection 9 (5), the employer shall make an equal contribution and shall pay such member contributions and employer contributions to the Fund forthwith;

- (b) under clause 9 (7) (a), the employer shall make an equal contribution and shall pay to the Fund on or before a date designated by the Board such member contributions and employer contributions; or

- (c) under clause 9 (7) (b) or subsection 9 (8), the employer shall pay such contributions to the Fund forthwith. O. Reg. 1012/80, s. 4, *part*.

#### NORMAL RETIREMENT

11.—(1) The normal retirement age of a member is,

- (a) sixty-five years; or
- (b) sixty years where a member is a policeman or fireman and the employer files proof acceptable to the executive-director that all policemen or firemen of the employer are entitled to retire at sixty years of age.

(2) The normal retirement date of a member is the last day of the month in which the member attains his normal retirement age.

(3) An employer may at any time change the normal retirement age of a member who is a policeman or fireman from sixty-five years to sixty years by filing proof acceptable to the executive-director that all policemen or firemen of the employer are entitled to retire at sixty years of age.

(4) If an employer changes the normal retirement age of all members who are policemen or firemen from sixty-five years to sixty years under subsection (3), it shall be deemed that the member's normal retirement age was sixty years for his entire period of credited service and that portion of the member's pension based on his credited service while his normal retirement age was sixty-five years shall be actuarially reduced on the same basis as an early retirement pension under section 16 unless a payment is made to the Fund of an amount equal to either,

- (a) 2 per cent of the member's contributory earnings plus interest as determined by the Board for the period during which his normal retirement age was sixty-five years; or

- (b) the present value of the actuarial reduction as determined by the Board on the advice of the actuary at the date such amount is paid to the Fund,

and if any portion of the amount calculated in accordance with clause (a) or (b) is paid by the member, it shall be deemed to be a contribution by the member under section 9. O. Reg. 936/77, s. 11.

#### NORMAL RETIREMENT PENSIONS

12.—(1) Every member who retires on or after his normal retirement date is entitled to receive a normal retirement pension.

(2) A pension under this section is payable to a member for his life commencing on the first day of the month next following the month of his retirement.

(3) Notwithstanding subsections (1) and (2), a member who attains seventy-one years of age is entitled to receive a pension commencing on the first day of the month next following the month in which he attains seventy-one years of age.

(4) The annual amount of pension payable under this section to a member who retires on or after the 1st day of January, 1978 is 2 per cent of his pensionable earnings multiplied by the total number of years and part of a year of his credited service up to thirty-five years, reduced when the member becomes entitled to a pension under the *Canada Pension Plan* by 0.7 per cent of the lesser of such pensionable earnings or the average of the Year's Maximum Pensionable Earnings as defined in the *Canada Pension Plan* for the year in which he ceased to be employed by the employer and for each of the two preceding years multiplied by the total number of years and part of a year of his credited service after the 1st day of January, 1966 up to thirty-five years.

(5) The annual amount of pension to the credit of a member on the 31st day of December, 1977 shall be determined in accordance with the regulations in force on that date.

(6) The annual amount of pension payable to a member under subsection (4) shall be increased by the amount, if any, that the annual amount of pension at the credit of the member on the 31st day of December, 1977 in accordance with subsection (5) exceeds the annual amount of pension calculated in accordance with subsection (4) substituting credited service to the 31st day of December, 1977 only for credited service in subsection (4). O. Reg. 936/77, s. 12.

## DISABILITY RETIREMENT BENEFITS

13.—(1) On application by or on behalf of a member and with the approval of the executive-director, the member shall be considered to be totally disabled as of the date that a certificate of a legally qualified medical practitioner appointed by the Board declares to be the date upon which the member is wholly prevented due to mental or physical incapacity from performing the regular duties of the occupation in which such member was engaged immediately prior to such date, and such disability shall be considered to continue if the member is so prevented during the first twenty-four month period immediately after such date, and, thereafter, such disability shall be considered to continue if the member is wholly prevented from engaging in any occupation or performing any work for compensation or profit for which the executive-director, on the advice of a legally qualified medical practitioner appointed by the Board, considers the member is or may become reasonably qualified by education, training or experience. O. Reg. 936/77, s. 13 (1).

(2) Notwithstanding subsection (1), total disability shall be considered not to exist,

- (a) during any period in which the member engages in any occupation for compensation or profit other than an occupation associated with a rehabilitation program approved by the executive-director;
- (b) on and after the day following the first twenty-four month period immediately after the date the member is considered totally disabled under subsection (1) as the result of mental illness, unless at that time a medical practitioner specializing in psychiatry or neurology certifies that the member continues to be totally disabled;
- (c) where such total disability in respect of a member results from wilfully self-inflicted injury or the commission or attempted commission by the member of an indictable offence under the *Criminal Code* (Canada) or the engagement by the member in an unlawful occupation; and
- (d) where such total disability in respect of a member occurs within one year of his becoming a member of the System and results from a condition of the member that existed prior to his becoming a member of the System. O. Reg. 936/77, s. 13 (2); O. Reg. 155/79, s. 2 (1).

(3) A member who is considered under this section to be totally disabled and who has not taken a refund under section 18 shall accrue credited service from the latest of,

- (a) the 1st day of January, 1978;

(b) the first day of the fifth calendar month following the month in which he is considered totally disabled; or

(c) the date he ceases to make contributions under section 9,

until the earlier of his normal retirement date or the date he ceases to be considered totally disabled and, during the period of the accrual of such credited service, the contributory earnings of the member shall be deemed to be the annual rate of contributory earnings for which contributions were last made by the member under section 9 and, notwithstanding section 9, the member shall not make contributions to the Fund in respect of such contributory earnings during the period of accrual of such credited service and, regardless of whether he continues to have the status of an employee with respect to the employer, a member shall be regarded as an employee of the employer for the purposes of this Regulation. O. Reg. 1012/80, s. 5 (1).

(4) A member who is considered under this section to be totally disabled and who is entitled to accrued credited service under subsection (3) may, in lieu of the accrual of credited service under subsection (3), elect to receive a pension calculated in the manner prescribed in section 12, commencing on the date he would have become eligible to accrue such credited service in accordance with subsection (3), and such pension shall continue to be payable until the member ceases to be considered totally disabled, unless the member ceases to be considered totally disabled after his normal retirement date, in which case the pension shall continue to be payable for his life. O. Reg. 1012/80, s. 5 (2).

(5) The accrual of credited service under subsection (3) ceases on the last day of the month preceding the month in which a pension commences under subsection (4).

(6) On the date a member ceases to be considered to be totally disabled he shall immediately be entitled to a deferred pension under section 15, unless within six months of such date the member becomes employed by a participating employer in which case the member shall have continued membership in the System.

(7) Every member who under this section is considered to be totally disabled shall, at the request of the executive-director and at the expense of the Fund, submit from time to time to a medical examination by a legally qualified medical practitioner appointed by the Board, but such an examination shall not be required more frequently than once a year and not after the normal retirement date of the member.

(8) If a member fails within sixty days after a request therefor to submit to a medical examination in accordance with subsection (7) the member shall be deemed not to be totally disabled.

(9) Notwithstanding subsection (4), the amount of pension payable to a member in any month before his normal retirement date under this section, together with any amount of compensation payable to the member with respect to that month under the *Workmen's Compensation Act* shall not exceed 85 per cent of the monthly rate of contributory earnings of the member on the last day the member received the normal rate of contributory earnings from his employer. O. Reg. 936/77, s. 13 (5-9).

PENSIONS TO WIDOWS,  
WIDOWERS OR CHILDREN

14.—(1) A pension is payable under this section on the death of a member before or after the commencement of her or his pension,

- (a) to the widow or widower of the member who last married or who is deemed to have last married the member before the member's pension became payable; and
- (b) to each child of the deceased member under the age of twenty-one years where,
  - (i) at the death of the member there is no widow or widower of the member entitled to receive a pension under this section, or
  - (ii) the widow or widower of the member who was entitled to a pension under this section has died or remarried.

(2) A pension payable to a person under this section is payable on the first day of the month next following the month in which the person becomes entitled to the pension and is payable monthly thereafter,

- (a) to a widow or widower until the earlier of her or his death or remarriage; and
- (b) to a child until the earlier of the child's death or twenty-first birthday.

(3) The annual amount of pension payable under this section in respect of a member,

- (a) to a widow or widower shall be,
  - (i) where the member was receiving or entitled to receive a pension immediately prior to the date of her or his death, one-half the annual amount of such pension, except that for purposes of determining the annual amount of such pension in the case of a member who retired prior to the 1st day of January, 1978 on an early retirement pension and who has died on or subsequent to such date, her or his pension shall be increased to the amount it would have been if it had not been reduced for early retirement, and

- (ii) where the member has died on or after the 1st day of January, 1978, and was not receiving or entitled to receive a pension immediately prior to the date of her or his death, an amount determined by taking one-half of the pension calculated in the manner prescribed in section 12,

reduced by 2½ per cent for each complete year that the age of the widow or widower is more than ten years less than the age of the deceased member, and, in respect of each surviving child of the member while such child is under the age of twenty-one years, increased by one-fifth, but in no event shall the total amount of such increase exceed 50 per cent of an amount determined under subclause (i) or (ii); and

- (b) to a child shall be,

- (i) where the member was receiving or entitled to receive a pension immediately prior to the date of her or his death, one-half the annual amount of such pension, except that for purposes of determining the annual amount of such pension in the case of a member who retired prior to the 1st day of January, 1978 on an early retirement pension and who has died on or subsequent to such date, her or his pension shall be increased by the amount it would have been if it had not been reduced for early retirement, and

- (ii) where the member has died on or after the 1st day of January, 1978 and was not receiving or entitled to receive a pension immediately prior to the date of the member's death, an amount determined by taking one-half of the pension calculated in the manner prescribed in section 12,

divided by the number of children of the member under the age of twenty-one years surviving at the date of the member's death,

provided that in every case under this subsection involving the calculation of a member's pension, it shall be deemed that the member was entitled to a pension under the *Canada Pension Plan* at the date of the member's death.

(4) Notwithstanding clause (3) (a), if the widow or widower does not have custody, care and control of a surviving child of the deceased member, the increase in pension payable to the widow or widower in respect of such child under subsection (3) shall not be paid to the widow or widower but shall be paid to such child or, if there is more than one, to such children in equal shares, while the widow or widower is entitled to receive a pension under subsection (3).

(5) Where a pension is payable to a child of a deceased member under the age of eighteen years, payment thereof may be made to the person or agency having custody, care and control of the child, or where there is no person or agency having such custody, care and control, to such person or agency as the executive director may in his absolute discretion direct, and, for the purposes of this section, the surviving spouse, if any, of the member, except where the child is living apart from such spouse, shall be deemed, in the absence of any evidence to the contrary, to be the person having such custody, care and control. O. Reg. 1012/80, s. 6.

#### DEFERRED PENSIONS

15.—(1) If a member ceases to be an employee or councillor of an employer before his normal retirement date for reasons other than his entitlement to a benefit under section 13 or his death, the member is entitled to receive a deferred pension.

(2) A deferred pension under this section is payable to a member for his life commencing on the first day of the month next following his normal retirement date if he is then living.

(3) The annual amount of deferred pension payable to a member under this section shall be calculated in the manner prescribed in section 12.

(4) A member entitled to a deferred pension under this section may in lieu thereof elect to the extent permitted therein to receive a benefit under section 16, subsection 17 (4), section 18 or section 22.

(5) If a member ceases to make a contribution under section 9 for a period greater than six months under circumstances not provided for in clause 1 (d), he shall be deemed to have ceased to be an employee or councillor under subsection (1). O. Reg. 936/77, s. 15.

#### EARLY RETIREMENT PENSIONS

16.—(1) If a member ceases to be an employee or councillor of an employer within the ten year period before his normal retirement age for reasons other than his death, the member may elect, in lieu of an entitlement to a deferred pension under section 15, to receive an early retirement pension.

(2) An early retirement pension under this section is payable to the member for his life commencing on the first day of the month following the month in which he ceases to be an employee or councillor of an employer if the election is received in the office of the Board within three months of his ceasing to be an employee or councillor and thereafter on the first day of the month following the month in which the election is received in the office of the Board.

(3) The annual amount of early retirement pension payable to a member under this section shall be actuarially equivalent to the annual amount of pension calculated in the manner prescribed in section 12. O. Reg. 936/77, s. 16.

#### PAYMENT OF BENEFITS

17.—(1) Pensions are payable in equal monthly instalments.

(2) Where a member who is in receipt of a pension becomes an employee of an employer and is once again required to become a member under clause 7 (1) (b) or (c), the payment of the pension shall be suspended during the period of the employment unless the member has attained seventy-one years of age.

(3) Where a member who is in receipt of a pension becomes a councillor of an employer who has elected to participate in the System in respect of councillors, the payment of the pension shall not be suspended during the period of service as a councillor.

(4) Notwithstanding subsection 18 (1), a member who ceases to be in the service of an employer who has elected to participate in the System in respect of employees or councillors, as the case may be, after he has attained forty-five years of age and after he has completed ten years of continuous service with the employer may, if his monthly pension commencing on the day immediately following his normal retirement date is less than the amount prescribed in the *Pension Benefits Act*, elect to receive in lieu of his benefits the lump sum amount that is actuarially equivalent to such benefits. O. Reg. 936/77, s. 17.

#### REFUND OF CONTRIBUTIONS BY MEMBERS

18.—(1) On receipt by the executive-director of a written request from the payee, the contributions paid into the Fund by a member under sections 9 and 22, plus interest thereon less the amount of benefits that have been paid shall be paid to,

(a) the member, if for reasons other than his death or retirement he ceases to be an employee or councillor of an employer before his normal retirement date, in lieu of an entitlement to a deferred pension under section 15 but, subject to section 17, the contributions made by the member after the 1st day of January, 1965, shall not be refunded if such cessation occurs after the member has attained the age of forty-five years and has completed ten years of continuous service with the employer;

(b) the widow or widower of the member, if such widow or widower is entitled to a pension under section 14 and has waived such entitlement; or

- (c) the beneficiary of the member, if at any time after the death of the member there is no person who is entitled to receive a pension under section 14.

(2) If the person designated as the beneficiary of a member is not living or if no beneficiary has been designated, any amount that would have been payable to the beneficiary under this section is payable to the estate of the member.

(3) For the purposes of this section, interest on a contribution shall be calculated at the rate of 3 per cent *per annum* up to the 31st day of December, 1977 and 5 per cent *per annum* thereafter, compounded yearly in respect of the completed months from the end of the year in which the contribution was paid into the Fund until the first day of the month in which,

- (a) the contribution is refunded; or
- (b) a pension has become payable,

whichever is the earlier month. O. Reg. 936/77, s. 18.

#### ADJUSTMENT OF PENSIONS UNDER PAYMENT

19. The annual amount of pension payable to a person during his or her lifetime shall be determined in accordance with this Regulation or the predecessor thereof in force at the commencement of such pension to the person, provided that,

- (a) the monthly amount of pension payable to the person on the 31st day of December, 1977 shall be increased by 3 per cent on the 1st day of March, 1978; and
- (b) the monthly amount of pension payable to the person on the 1st day of January, 1979 shall be increased by 4 per cent on the 1st day of January, 1981,

and where a person referred to in clause (b) dies on or after the 1st day of January, 1979 but before the 1st day of January, 1981, the monthly amount of pension payable in respect of such person to another person shall be increased in the manner provided in clause (b). O. Reg. 1012/80, s. 7.

20. Where, in the case of an employer who has elected to participate in the System,

- (a) a member;
- (b) a retired employee who was not a member; or
- (c) the widow, widower or child of a person mentioned in clause (a) or (b),

has commenced to receive a pension under section 12, 13, 14 or 16 or under an approved pension plan, the Board, upon entering into an agreement with the

employer and upon receipt of an amount of money sufficient to provide for payment of such additional amount of pension, as the Board upon the advice of the actuary may determine, shall pay the additional amount of pension to such member, retired employee, widow, widower or child as the case may be. O. Reg. 1012/80, s. 8.

#### PRIOR SERVICE PENSIONS

21.—(1) Every employer who has elected to participate in the System may, by by-law or resolution, enter into or amend an agreement with the Board for the payment of benefits from the Fund in respect of the prior service of employees or councillors of the employer who have become members and every such by-law or resolution shall be filed with the executive-director, but no such agreement shall be entered into after the 31st day of December, 1977.

(2) The contributions to the Fund in respect of a member under a prior service agreement may be paid by the member or by the employer or by both of them, and when such a contribution is paid into the Fund, the employer shall stipulate the amount therein that is or is deemed to be a contribution by the member.

(3) The form and content of a prior service agreement shall be determined by the Board and shall provide,

- (a) for the payment of pension benefits to or with respect to each member covered thereunder;
- (b) that the payment of such benefits are subject to the same terms and conditions as are prescribed for benefits in respect of contributory earnings in sections 12 to 17; and
- (c) for the payment of refunds of prior service contributions and interest under the same terms and conditions as are prescribed for refunds of contributions under section 18.

(4) The factors to be used in calculating the amount of pension to be paid in respect of a contribution made under a prior service agreement shall be the factors approved therefor by the Board on the advice of the actuary at the time that the contribution was paid into the Fund.

(5) The rate of interest on a contribution made under a prior service agreement shall be as determined under the provisions of the agreement.

(6) The maximum annual pension payable to a member under a prior service agreement is,

- (a) the amount of pension prescribed in subsection 117 (3) of the *Municipal Act* computed on the annual rate of earnings of the member at the date the agreement is entered into;

- (b) the annual amount of pension payable to the member under the agreement in respect of the contributions and interest at his credit under an approved pension plan and transferred to his credit under the agreement; or
- (c) the annual amount of pension that would have been payable at his normal retirement age to the member under an approved pension plan if the contributions and interest at his credit thereunder had not been transferred to his credit under the agreement,

whichever is the largest amount, less any pension payable to the member under an approved pension plan.

(7) Every employer that has entered into an agreement under subsection (1) may terminate such agreement and transfer the benefits and funds held under the agreement to a supplementary agreement under section 23 in a manner satisfactory to the Board on the advice of the actuary. O. Reg. 936/77, s. 21.

#### TRANSFERS

22.—(1) Where, before he commences to receive a pension under this Regulation, a member,

- (a) ceases to be an employee as a result of the designation by the Lieutenant Governor in Council of the board, commission or foundation by which he is employed as a board, commission or foundation to which the *Public Service Superannuation Act* applies; or
- (b) ceases to be an employee for any other reason, or for any reason ceases to be a councillor, and within three months thereafter becomes employed by,
  - (i) the civil service of Canada or any province of Canada,
  - (ii) the civic service of any municipality or the staff of any local board in any province of Canada,
  - (iii) any board, commission or public institution established under any Act of Canada or any province, or
  - (iv) a corporation, institution or other organization where the member and other employees of such corporation, institution or organization are able to participate in any fund or plan maintained to provide pension benefits for persons employed by one or more of the bodies referred to in subclauses (i), (ii) and (iii),

the executive director shall, on the written request of the member, authorize the transfer from the Fund of a sum of money, in accordance with the election of the member, that is the higher of,

- (c) the contributions made by the member plus any interest thereon at the rate specified in subsection 18 (3); or
- (d) the present value, calculated as of the date of the transfer of the pension benefits and any other benefits for which contributions were made by the member, or on his behalf by an employer,

to any fund or plan that the member is entitled to join as a result of becoming employed as aforesaid, if the terms of the fund or plan to which the transfer is to be made,

- (e) permit such a transfer; and
  - (f) provide that a refund to a person covered thereby shall include only that portion of the sum transferred that is attributable to contributions made by such person. O. Reg. 936/77, s. 22 (1).
- (2) Where a person employed by,
- (a) the civil service of Canada or any province of Canada;
  - (b) the civic service of any municipality or local board in any province of Canada;
  - (c) any board, commission or public institution established under any Act of Canada or of any province; or
  - (d) a corporation, institution or other organization under circumstances described in subclause (1) (b) (iv),

has become or becomes a member of the System, and there was or is transferred to the Fund a sum of money at the credit of such person in a superannuation or pension fund or plan to which contributions have been made by him or on his behalf as a result of his being employed as aforesaid, the sum of money so transferred shall be used to purchase a period of credited service under the System calculated by dividing the amount of money transferred by twice the amount of contributions the person would have made to the System if he had been a member during the period for which pensionable service has been credited to him while so employed, together with interest at a rate established by the Board, and multiplying the result by the length of the period of such pensionable service, and, in addition, the member may, within six months of being informed thereof by the Board, elect to contribute and contribute a further amount in a lump sum which will establish all or a part of the balance of such pensionable service as credited service, but in no event shall there be established for a member a period of credited service greater than the period of such pensionable service. O. Reg. 155/79, s. 3.

(3) The Board may enter into an agreement with the person authorized for the purpose under a pension or superannuation plan established by or for any body referred to in subclause (1) (b) (i), (ii) or (iii) or administered under section 16 of the Act, to transfer to or from the Fund a sum of money in respect of a member to whom subsection (1) or (2) is applicable and any such agreement shall prescribe the basis for computing the amount of money to be transferred out of the Fund and the benefits to be granted in respect of moneys transferred into the Fund and such basis and benefit shall be determined by the Board on the advice of the actuary. O. Reg. 936/77, s. 22 (3).

#### SUPPLEMENTARY BENEFITS

23.—(1) Every employer who has elected to participate in the System may by by-law or resolution, filed with the executive-director, enter into or amend an agreement with the Board for the payment of supplementary benefits from the Fund in respect of all or any class of the employees of the employer, or in respect of the councillors of the employer, who are or become members and a class of employees shall include employees to whom a bargaining agreement applies.

(2) Where an employer has entered or enters into an agreement under subsection (1) to provide supplementary benefits for all prior service for employees or any class thereof, the employer may provide under the agreement for optional service or any part thereof for such employees or such class of employees.

(3) Subject to subsections (7) and (8), the contributions to the Fund under a supplementary agreement may be paid by the member or the employer or both of them and the Board on receipt of such contributions shall deposit them in the Fund after making any deduction prescribed in the agreement for the payment of management and administration expenses and the amount so deposited together with interest as determined under the provisions of the agreement shall be held for the payment of supplementary benefits provided under the agreement. O. Reg. 936/77, s. 23 (1-3).

(4) The factors to be used in calculating the amount of pension to be paid in respect of a contribution made under a supplementary agreement shall be the factors as determined by the Board on the advice of the actuary. O. Reg. 155/79, s. 4, *part*.

(5) Section 18 applies to contributions paid by a member under a supplementary agreement.

(6) The form and content of a supplementary agreement shall be determined by the Board and shall provide for the supplementary benefits to be provided to a member which shall be payable under the same terms and conditions and coincident with the payment of a pension under section 12, 13, 14, 15 or 16.

(7) Where optional service is provided for under a supplementary agreement a member may establish credit for any or all of such service if, within one year from the date he becomes entitled to do so under the agreement, he elects to pay, on terms satisfactory to the employer and the Board, an amount equal to,

(a) 11 per cent, if his normal retirement age is sixty-five; or

(b) 13 per cent, if his normal retirement age is sixty,

of the annual rate of salary authorized to be paid to him on the most recent date on which he became employed by the employer multiplied by his years or part years of optional service together with interest at 6 per cent *per annum* on the amount so calculated, compounded annually from such employment date to the date of his election for optional service.

(8) A member who does not make an election under subsection (7) within the time limit specified may elect to establish credit for any or all optional service at any time before ceasing to be a member and the relevant provisions of subsection (7) apply with necessary modifications, except that the annual rate of salary authorized to be paid to him on the most recent date on which he became employed by his employer shall be deemed to be equal to the annual rate of salary authorized to be paid to him at the time when he makes the election. O. Reg. 936/77, s. 23 (5-8).

(9) A member shall not be given credit under a supplementary agreement for optional service for which he is entitled to credit in his previous employer's pension plan or fund if such service is credited service in the System or if he is able to arrange to have the funds representing such credited service transferred to the Fund in accordance with subsection 22 (2) or (3).

(10) Where a member is entitled to a deferred pension under section 15, the member may be given credit under a supplementary agreement for optional service offset by the annual amount of such deferred pension payable at normal retirement age and an amount equal to twice the contributions made by the member in respect of such deferred pension plus interest as determined by the Board and, if applicable, the amount representing the present value of any deferred supplementary or prior service pension shall be deducted from the amount required to be paid by the member under subsection (7) or (8).

(11) Where a member is unable to arrange to have the funds representing his credit in his previous employer's pension plan or fund other than the System transferred to the Fund under subsection 22 (2) or (3), the member may be given credit under a supplementary agreement for optional service offset by the annual amount of pension payable at normal retirement age to the member under such pension plan or fund,

and the present value of such annual amount of pension as determined by the Board on the advice of the actuary shall be deducted from the amount required to be paid by the member under subsection (7) or (8).

(12) An early retirement pension shall only be payable to a member under a supplementary agreement to the extent that the pension is in excess of the amount that is actuarially equivalent to his normal retirement pension and shall not be payable unless,

(a) such early retirement occurs after completion of thirty years of service with the employer and such service shall include, for the purposes of this subsection,

(i) credited service established with the employer under subsection 9 (7),

(ii) credited service established with the employer under subsection 13 (3), and

(iii) plan-credited service as defined and established in a supplementary agreement,

and, if a supplementary agreement so provides, such service shall also include credited service established while employed by an employer other than his current employer and credited service established under subsections 22 (2) and (3); or

(b) the member is declared by the employer to be unable to perform the duties of his employment due to mental or physical incapacity. O. Reg. 155/79, s. 4, *part*.

(13) The amount of pension payable to a member under this section shall not exceed an amount that, together with any other pension payable to the member under this Regulation or under an approved pension plan, is equal to the maximum pension payable to an employee under subsection 117 (3) of the *Municipal Act*.

(14) A supplementary agreement in force on the 31st day of December, 1977 shall be deemed to be amended as of the 1st day of January, 1978, until such time as it is amended in fact, to eliminate supplementary benefits duplicated by a benefit otherwise payable under this Regulation to a member covered under such an agreement.

(15) Member contributions shall cease to be made to the Fund under a supplementary agreement in effect on the 31st day of December, 1977 other than contributions made for service prior to the enrolment of the member in the System or towards the provision of a benefit under subsection (12).

(16) The amount of accumulated contributions of a member, referred to in subsection (15), plus interest calculated in accordance with section 18, shall be placed to the credit of the member in the Fund in the form of a benefit determined by the Board on the advice of the actuary payable in addition to and under the same terms and conditions as any other benefit payable under this Regulation, to or in respect of a member unless the amount of such contribution and interest is \$250 or less in which case the amount placed to the credit of the member shall be refunded to the member.

(17) A member may revoke his credit in the Fund under subsection (16) and,

(a) transfer such credit to a registered retirement savings plan of the member; or

(b) with the agreement of the employer, apply such credit to the contributions otherwise required by the member under section 9 or under this section. O. Reg. 936/77, s. 23 (13-17).

#### PROOF OF AGE

24. The executive-director may from time to time require such proof of the age, retirement, employment, marital status and death of a member, or of a member's widow, widower or children and such proof of the identity of any person as is necessary for the purposes of making a determination under clauses 3 (1) (e) and (f). O. Reg. 936/77, s. 24.

#### DESIGNATION OF BENEFICIARY

25. Every member, by filing a notice with the executive-director, may designate a person as his beneficiary to receive such sums of money as may become payable to his beneficiary under this Regulation and may revoke any such notice and designate another person as his beneficiary. O. Reg. 936/77, s. 25.



## REGULATION 725

### under the Ontario Municipal Improvement Corporation Act

#### PROCEDURE

##### INTERPRETATION

#### 1. In this Regulation,

- (a) "board" means the board of directors of the Corporation;
- (b) "Corporation" means The Ontario Municipal Improvement Corporation. R.R.O. 1970, Reg. 639, s. 1.

##### MEETINGS OF THE BOARD

2. Meetings of the board may be called at any time by the chairman or, in his absence, by the vice-chairman. R.R.O. 1970, Reg. 639, s. 2.

3. Notice of all meetings of the board shall be delivered to the office of each member of the board at least twenty-four hours before the meeting, but no notice is necessary when all members of the board, either before or after the meeting, sign a waiver of notice. R.R.O. 1970, Reg. 639, s. 3.

4. Any resolution or matter consented to at any time during the Corporation's existence by all of the directors and evidenced by their signatures is as valid and effective as if passed at a meeting of the board duly called, constituted and held for that purpose. O. Reg. 766/80, s. 1.

##### RECORDS

5. The board shall cause the secretary, or some other official of the Corporation charged with that duty, to keep a book or books in which shall be recorded,

- (a) a copy of the *Ontario Municipal Improvement Corporation Act* and any amendments thereto and a copy of the regulations made thereunder;
- (b) a copy of all orders in council relating to the Corporation;
- (c) the names of all members of the board and the dates on which each became and ceased to be a member of the board; and
- (d) the minutes of all meetings and votes of the board, verified by the signature of the chairman or vice-chairman. R.R.O. 1970, Reg. 639, s. 5.

6. The board shall cause to be kept proper books of account containing full and true statements of,

- (a) the financial transactions of the Corporation;
- (b) the assets of the Corporation;
- (c) the money received and expended by the Corporation and the matters in respect of which the receipt and expenditure took place; and
- (d) the credits and liabilities of the Corporation. R.R.O. 1970, Reg. 639, s. 6.

##### FISCAL YEAR

7. The fiscal year of the Corporation terminates on the 31st day of March in each year. R.R.O. 1970, Reg. 639, s. 7.

##### CUSTODY OF SECURITIES

8. Debentures purchased from municipalities or school boards shall be lodged for safekeeping with the Treasurer. R.R.O. 1970, Reg. 639, s. 8.

##### EXECUTION OF DOCUMENTS

9. All cheques, notes and orders for the payment of money shall be signed by two directors. R.R.O. 1970, Reg. 639, s. 9.

10. Contracts documents or instruments in writing requiring execution by the Corporation may be signed by two directors, or the board by resolution may appoint any official or person on behalf of the Corporation to sign contracts, documents and instruments in writing. R.R.O. 1970, Reg. 639, s. 10.

11. The seal of the Corporation shall be in the form of two concentric circles with the words "The Ontario Municipal Improvement Corporation" inserted in the space between the circles, and when used shall be authenticated as provided by section 10. R.R.O. 1970, Reg. 639, s. 11.



## REGULATION 726

### under the Ontario New Home Warranties Plan Act

#### ADMINISTRATION OF THE PLAN

##### PART I

##### INTERPRETATION

#### 1. In this Regulation,

- (a) "certificate of completion and possession" means the certificate required by subsection 13 (3) of the Act;
- (b) "common elements" of any condominium project has the meaning ascribed by the *Condominium Act*;
- (c) "condominium corporation" means, in respect of any condominium project, the corporation incorporated under the *Condominium Act*;
- (d) "condominium project" means the lands and interests appurtenant thereto that are described or proposed to be described in any description required by the *Condominium Act* and which include or are proposed to include units to be used as homes;
- (e) "construction contract" means an agreement between a builder and an owner of land which provides for the construction of a home on the land;
- (f) "contracted home" means a home constructed pursuant to a construction contract;
- (g) "Corporation" means HUDAC New Home Warranty Program;
- (h) "date of possession" means the date on which the home is completed for possession by an owner as specified in the applicable certificate of completion and possession;
- (i) "date of registration" means the date on which the declaration and description required by the *Condominium Act* are registered in the proper land registry office in respect of a condominium project;
- (j) "date of transfer" means the date on which deposits are applied on account of the purchase price payable under a purchase agreement with respect to a home;
- (k) "deposit receipt" means a receipt executed by the vendor and the Corporation, con-

firming to the purchaser the benefits of the Plan in respect of the purchase agreement;

- (l) "deposits" means, in respect of a home, all moneys received before the date of possession by or on behalf of the vendor from a purchaser on account of the purchase price payable under a purchase agreement, and, in the case of a condominium dwelling unit, includes moneys received by or on behalf of the vendor after the date of possession and prior to the date of transfer but does not include moneys,
  - (i) paid under the purchase agreement as rent or as an occupancy charge and not part of the purchase price,
  - or
  - (ii) specified in the purchase agreement as moneys paid under the provisions of subsection 51 (6) of the *Condominium Act*;
- (m) "insurers" means the insurers for the time being under any contract or contracts of insurance establishing the guarantee fund;
- (n) "interest" means the interest at the rate or rates prescribed under the *Condominium Act* required to be paid by the vendor on deposits;
- (o) "major structural defect" means, for the purposes of clause 13 (1) (b) of the Act, any defect in workmanship or materials,
  - (i) that results in failure of the load-bearing portion of any building or materially and adversely affects its load-bearing function, or
  - (ii) that materially and adversely affects the use of such building for the purpose for which it was intended,

including significant damage due to soil movement, major cracks in basement walls, collapse or serious distortion of joints or roof structure and chemical failure of materials, but excluding flood damage, dampness not arising from failure of a load-bearing portion of the building,

damage to drains or services, damage to finishes and damage arising from acts of God, acts of the owners and their tenants, licensees and invitees, acts of civil and military authorities, acts of war, riot, insurrection or civil commotion and malicious damage;

- (p) "performance guarantee" means, in respect of a construction contract, the performance guarantee executed by the Corporation, confirming the benefits of the Plan to the owner in the event of the builder's failure to construct a contracted home under the contract;
- (q) "principal" of any corporate applicant or registrant means a person who beneficially owns, directly or indirectly, more than 10 per cent of its outstanding voting shares;
- (r) "purchase agreement" means an agreement between a vendor and any person providing for the purchase by such person of a home;
- (s) "purchaser" means a person who enters into a purchase agreement with a vendor for the purchase of a home and includes an assignee of the purchaser's interest in a purchase agreement;
- (t) "soil movement" means subsidence, expansion or lateral movement of the soil not caused by flood, earthquake, act of God or any other cause beyond the reasonable control of the builder;
- (u) "warranty certificate" means, in respect of any home or the common elements of any condominium project, the warranty certificate to be issued by the Corporation to the owner or condominium corporation, confirming the warranties provided for in section 13 of the Act. O. Reg. 853/76; O. Reg. 943/76, s. 1; O. Reg. 575/77, s. 1; O. Reg. 242/79, s. 1.

## PART II

### THE PLAN

#### Delivery of Documents

2. In connection with the sale or construction of a home, such of the following documents as are applicable shall be delivered under the Plan:

- (a) at the time of execution by the vendor and purchaser of a purchase agreement, the vendor shall deliver to the purchaser a deposit receipt;
- (b) in the case of any contracted home, forthwith after receipt by the Corporation

of notice of execution of any construction contract, the Corporation shall deliver to the owner a performance guarantee;

- (c) on the date of possession, the vendor shall deliver to the owner a certificate of completion and possession;
- (d) in the case of any condominium project, on or promptly following the date of registration, the vendor shall deliver to the condominium corporation a certificate of completion and possession for the common elements;
- (e) forthwith after receipt by the Corporation of a copy of a certificate of completion and possession signed by a vendor or builder, the Corporation shall deliver to the owner a warranty certificate. O. Reg. 943/76, s. 2; O. Reg. 575/77, s. 2; O. Reg. 242/79, s. 2.

#### Certificates of Completion and Possession

3.—(1) When, pursuant to a purchase agreement or construction contract, a home is completed for possession by the owner, the vendor or builder shall complete and execute the form of certificate of completion and possession required by the Corporation setting forth the date of possession and the name of the builder (if other than the vendor), identifying any surface defects in workmanship and materials accepted by the owner and listing any unfinished work.

(2) In the case of any condominium project, the vendor shall similarly complete and execute the form of certificate of completion and possession required by the Corporation for the common elements, setting forth the date of registration, identifying any surface defects in workmanship and materials in respect of the common elements accepted by the condominium corporation and listing any unfinished work required in connection with the common elements. O. Reg. 943/76, s. 3.

#### Claims

4.—(1) Each person with a claim under the Plan shall give written notice of the claim to the Corporation.

(2) Forthwith upon receipt by the Corporation of such notice, the Corporation shall furnish the claimant with such forms as it or the insurers may reasonably require for the purpose of establishing and verifying the claimant's loss.

(3) If the Corporation fails to furnish such forms, the claimant is entitled to make his claim by giving written notice to the Corporation setting forth in reasonable detail information relating to the claim.

(4) Promptly after receipt by the Corporation of all information reasonably required to be furnished to it in respect of the claim and after determination of any disputes between the claimant and the vendor as to the liability of the vendor, the Corporation shall serve notice of its decision under section 14 of the Act. O. Reg. 943/76, s. 4.

#### Conciliation of Disputes

5.—(1) An owner who requires conciliation of a dispute between the owner and a vendor shall make request therefor to the Corporation and shall pay to the Corporation the conciliation fee set forth in Schedule A.

(2) The Corporation shall receive representations from the vendor and the owner within the time prescribed by the Corporation.

(3) Within fourteen days of the commencement of the conciliation proceedings, the Corporation shall provide the vendor and the owner with a decision in writing setting forth such remedial work, if any, as may be required to settle the dispute.

(4) If the Corporation determines that the remedial work will require time to complete, the Corporation shall continue to conduct such inspections of the home as the Corporation considers necessary until the work has been completed.

(5) If the award of the Corporation is in favour of the owner or if the Corporation rules that the request for conciliation was justified in any event, the conciliation fee paid by the owner shall be refunded by the Corporation. O. Reg. 943/76, s. 5.

#### Limits of Liability

6.—(1) A purchaser who does not become an owner and who has a claim under clause 14 (1) (a) of the Act in respect of a purchase agreement is entitled to be paid out of the guarantee fund, for all damages claimed against the vendor for financial loss, an amount equal to all deposits owing by the vendor to the purchaser under the purchase agreement to a maximum of \$20,000. O. Reg. 242/79, s. 3 (1).

(2) In the case of a home that is a condominium unit, the maximum limit under subsection (1) is increased by the amount of any interest owing on the amount to be paid out of the guarantee fund under subsection (1). O. Reg. 943/76, s. 6 (2).

(3) An owner who has a claim under clause 14 (1) (a) of the Act in respect of a construction contract is entitled to be paid out of the guarantee fund, for all damages against the builder for financial loss, an amount equal to all damages to the home other than damages in respect of unfinished work to a maximum aggregate limit of \$20,000.

(4) An owner of a home who has a claim under clause 14 (1) (b) or (c) of the Act is entitled to be paid out of the guarantee fund, the cost of rectification of defective work or the amount of the damage to the home to a maximum aggregate limit of \$20,000, but where the home is a condominium dwelling unit the entitlement is subject to the limits imposed by subsection (7).

(5) A condominium corporation which has a claim under clause 14 (1) (b) or (c) of the Act is entitled to be paid out of the guarantee fund, the cost of rectification of defective work or the amount of damage to the common elements, subject to the limits imposed by subsection (7).

(6) Liability under subsection (4) is limited to damage to the home only and liability under subsection (5) is limited to damage to the common elements only, and there is no liability for any other damage, direct or indirect, or for unfinished work.

(7) The limit of the amounts that may be paid out of the guarantee fund in respect of a condominium project, whether related to the common elements or condominium dwelling units or both, is the lesser of:

(a) \$1,000,000; or

(b) an amount equal to \$20,000 multiplied by the number of condominium dwelling units in the condominium project.

(8) The limits under subsections (3), (4) and (7) are reduced by the amount of any payments previously made under subsection (3), (4) or (7) less any amount recovered by the Corporation or the insurers from any person other than the insurers, by way of indemnity or subrogation. O. Reg. 242/79, s. 3 (2).

#### Guarantee Fund

7.—(1) The Corporation shall establish and maintain a guarantee fund with a licensed insurer or insurers acceptable to the board of directors under a contract or contracts approved by the board from time to time.

(2) Under such a contract, the insurers shall agree to indemnify the Corporation for those sums which the Corporation is obligated to pay by reason of settlement of any dispute, judgment, action or claim arising under the Plan during the term of the contract.

(3) Notwithstanding subsections (1) and (2), the Corporation may establish and administer an uninsured fund as part of the guarantee fund and out of which it may pay claims made under the Plan. O. Reg. 943/76, s. 7.

#### Enrolment of Homes in the Plan

8.—(1) Forthwith upon the issue of a building permit authorizing the construction of a home

other than a condominium dwelling unit, the builder shall enrol the home in the Plan by submitting to the Registrar a completed enrolment form as provided by the Corporation together with the enrolment fee set forth in Schedule A.

(2) Not less than thirty days prior to commencement of construction of a condominium project, the builder shall submit to the Registrar a completed preliminary enrolment form as provided by the Corporation together with the preliminary enrolment fee set forth in Schedule A.

(3) Prior to the commencement of the marketing by the vendor of any units included in a condominium project, the builder shall enrol each unit of the condominium project in the Plan by submitting to the Corporation a completed enrolment form as provided by the Corporation together with the balance of the enrolment fee set forth in Schedule A.

(4) Subject to the provisions of subsection (5), where a builder has enrolled in the Plan a home, construction of which has not been commenced or which has been commenced but which is not fit for habitation, and where the home is acquired from the builder by a vendor, by way of conveyance, foreclosure or otherwise, it shall be re-enrolled in the Plan by submitting to the Corporation a completed enrolment fee set forth in Schedule A.

(5) If a home referred to in subsection (4) vests in a trustee in bankruptcy, it shall be re-enrolled only if it was or is subject to a purchase agreement and if the Corporation has paid or is liable to make a payment to the purchaser under clause 14 (1) (a) of the Act. O. Reg. 943/76, s. 8.

### PART III

#### REGISTRATION

##### Application for Registration

9.—(1) Each applicant desiring registration under the Plan shall complete, execute and deliver to the Registrar such form or forms of application as the Registrar may require from time to time.

(2) The application shall set forth the full name and address of the applicant, the type of his business organization, the names and addresses of all officers, directors and principals of corporate applicants and of all partners and members of applicants who are partnerships and other unincorporated associations, a brief history of the applicant's business experience, customer references, particulars of bonding arrangements, an estimate of the number and type of homes expected to be built by the applicant during the twelve months following the date of application, inventories of homes and such other information as the Registrar may reasonably require.

(3) The applicant shall furnish to the Registrar:

1. An agreement between the applicant and the Corporation providing for the respective rights and obligations of the parties as to the enrolment of homes under the Plan, the performance of work by builders, the sale of homes by vendors and such other matters as the Corporation may reasonably require, such agreement to be in such form as may be required by the Corporation and to be fully completed and executed by the applicant in duplicate.
2. A letter from a bank chartered under the *Bank Act* (Canada) or from a corporation registered under the *Loan and Trust Corporations Act*, as to the financial position of the applicant.
3. Financial statements of the applicant and such other information relating to his financial affairs as the Registrar may require.
4. Where the applicant is not a builder, evidence satisfactory to the Registrar that the applicant has a continuing agreement or agreements with at least one registrant who is a builder whereby such registrant agrees to perform the work required to meet the warranty obligations of the applicant under the Plan.
5. Such additional documentation related to the application as the Registrar may reasonably require.

(4) With each application for registration under the Plan, the applicant shall pay to the Corporation the prescribed registration fee set forth in Schedule A. O. Reg. 943/76, s. 9.

##### Renewal of Registration

10.—(1) Every registration and renewal thereof expires one year after the date as of which it is granted to the registrant.

(2) Every registrant shall apply for renewal of registration not less than sixty days nor more than ninety days before the date on which his registration expires, giving full particulars of any change in the facts set forth in the most recent application for registration or renewal of registration on record.

(3) Every applicant for renewal of registration shall complete, execute and deliver to the Registrar such form or forms of application and such other documentation as the Registrar may provide from time to time.

(4) With each application for renewal of registration under the Plan, the applicant shall pay to

the Corporation the prescribed renewal fee set forth in Schedule A. O. Reg. 943/76, s. 10.

#### PART IV

##### VENDORS AND BUILDERS BONDS

##### Form of Bond

11. With any registration, the Corporation shall be entitled to accept the bond of any insurer licensed under the *Insurance Act* to offer surety insurance if,

- (a) the bond may be cancelled only on the expiry of the current registration of the registrant named therein and then only on not less than two months prior written notice to each of the Registrar and the registrant; and
- (b) the liability of the issuer under the bond shall continue in respect of all homes and condominium projects enrolled in the Plan by the registrant prior to the date of cancellation until the registrant shall have fulfilled his obligations under the Plan in respect of such homes and condominium projects. O. Reg. 943/76, s. 11.

##### Forfeiture and Proceeds

12.—(1) Where the registrant named in a bond fails to make any payment or perform any obligation under the Plan, the Registrar may declare the bond forfeited and thereupon the amount thereof becomes due and owing by the issuer thereof as a debt to the Corporation.

(2) Where the Corporation becomes a creditor of the issuer of a bond under subsection (1), the Corporation may take such proceedings as it considers necessary to recover the debt.

(3) The Corporation shall use the proceeds of any bond forfeited under subsection (1) to satisfy the obligations of the registrant to the Corporation under the Plan.

(4) If at the expiry of the liability as provided in the bond, there shall be any proceeds remaining, the Corporation shall pay such proceeds to the issuer of the bond. O. Reg. 943/76, s. 12.

#### PART V

##### TRANSITIONAL PROVISIONS

##### Special Definitions

13. For the purposes of this Part,

- (a) "Program" means the warranty program instituted by the Corporation on the 1st day

of May, 1976 and in force on the 31st day of December, 1976;

- (b) "unregistered condominium project" means a condominium project which, on the effective date, includes unsold homes and in respect of which the date of registration has not yet occurred;
- (c) "unsold home" means a home owned by a vendor and in respect of which, on the 31st day of December, 1976, a building permit had been issued but a purchase agreement is not in force. O. Reg. 943/76, s. 13; O. Reg. 575/77, s. 5.

##### Discontinuance of Program

14.—(1) On the 31st day of December, 1976, the Program is discontinued and replaced by the Plan but all deposit receipts and warranty certificates issued under the Program remain in full force and effect.

(2) Every builder or vendor registered in the Program shall, unless his registration is sooner revoked, be deemed to be registered in the Plan until the expiry date of his registration under the Program provided that he and his principals shall execute and deliver to the Registrar such confirmatory agreements, guarantees and other instruments as the Registrar may require.

(3) All unsold homes that are enrolled in the Program on the 31st day of December, 1976 and in respect of which deposit receipts are not in force on the said date are enrolled in the Plan without the payment of an enrolment fee and the owners of such homes shall have the benefit of the Plan in place of the Program.

(4) All unregistered condominium projects enrolled in the Program on the 31st day of December, 1976 are enrolled in the Plan and the common elements thereof have the benefits of the Plan in place of the Program. O. Reg. 943/76, s. 14.

##### Enrolment of Unsold Homes

15.—(1) All unsold homes, whether fully or partially constructed, shall be enrolled in the Plan on or prior to the 31st day of December, 1976 notwithstanding that building permits have already been issued therefor.

(2) Any vendor may, at his option, apply to the Registrar pursuant to the provisions of section 8 for enrolment in the Plan of any home in respect of which a purchase agreement is in force at the 31st day of December, 1976. O. Reg. 943/76, s. 15.

##### Enrolment of Unregistered Condominium Projects

16.—(1) The common elements of all unregistered condominium projects shall be enrolled in the Plan on or prior to the 31st day of December, 1976.

(2) Any vendor may, at his option, apply to the Registrar pursuant to the provisions of section 8 for enrolment in the Plan of the common elements of any condominium project that includes unsold homes and the date of registration for which has occurred prior to the 31st day of December, 1976.

(3) The enrolment fee payable by a vendor in respect of enrolments made under subsection (1) or (2) shall be calculated in accordance with Schedule A on the basis of all sold and unsold dwelling units in the condominium project and shall be paid in full with the vendor's application therefor. O. Reg. 943/76, s. 16.

Schedule A

Registration Fee

1. The fee for registration is ..... \$350

Renewal of Registration Fee

2. The fee for renewal of registration is .... 50

Enrolment and Re-enrolment Fee

3.—(1) For homes other than condominium units and other than custom homes, the enrolment fee per home is ..... \$105

(2) For contracted homes, the enrolment fee per home is ..... 105

(3) For homes that are condominium units the enrolment fee per unit is .. 105

This fee is payable \$25.00 as a preliminary enrolment fee at the time of the preliminary enrolment of the unit and the balance of \$80.00 on the final enrolment thereof.

(4) The re-enrolment fee per home is ... 50

Conciliation Fee

4. The fee for conciliation of a dispute with a vendor is ..... 50

O. Reg. 943/76, Sched. A; O. Reg. 575/77, s. 7; O. Reg. 242/79, s. 5; O. Reg. 40/80, s. 1.

## REGULATION 727

under the Ontario New Home Warranties Plan Act

### DESIGNATION OF CORPORATION

1. The designation of HUDAC New Home Warranty Program as the Corporation for the purposes of the Act is continued. O. Reg. 853/76, *revised*.



## REGULATION 728

### under the Ontario New Home Warranties Plan Act

#### TERMS AND CONDITIONS OF REGISTRATION OF BUILDERS AND VENDORS

1. The following are conditions of every registration under the Plan:

1. The registrant shall prominently display his certificate of registration at his principal business address as indicated in his application for registration.
2. The registrant shall allow the duly authorized representatives of the Corporation free access to his books and records during normal business hours for the purpose of confirming matters relating to the Plan.
3. The registrant shall diligently perform or cause to be performed all obligations imposed on him under the Plan and under any agreement made by him with the Corporation in respect of the Plan.
4. The registrant shall indemnify and save harmless the Corporation and the insurers for the time being under any contract or contracts of insurance establishing the guarantee fund, from any loss which they or any of them may suffer by reason of his failure to diligently perform or cause to be performed all obligations imposed on him under the Plan and under any agreement made by him with the Corporation in respect of the Plan.
5. The registrant shall from time to time, at his expense, furnish the Registrar with such documents relating to the Plan as the Registrar may reasonably require.
6. The registrant shall furnish the Registrar with such information relating to his financial affairs and position as the Registrar may reasonably request.
7. The registrant shall, without undue delay, complete the construction of every home commenced by him in accordance with this Act.
8. The registrant shall offer for sale and take all reasonable steps to complete the sale of every home commenced by him in

accordance with the Act within two years after the date on which the building permit for the home is issued.

9. Where, as a result of the financial position or the level of technical competence of a registrant, the registrant has consented to conditions limiting the number of homes he may construct or limiting him to the construction of a particular class of homes, the registrant shall not, without the prior written consent of the Registrar, commence to construct,

- i. homes in excess of the maximum number permitted to be constructed, or

- ii. homes of any class the construction of which is restricted,

by the conditions of his registration.

10. The registrant shall, within fifteen days after the event, notify the Registrar in writing,

- i. of any change in address of the registrant for correspondence relating to the Plan,

- ii. where the registrant is other than a corporation or an individual, of any change in the members or partners of the registrant, and

- iii. where the registrant is a corporation,

- A. of any change in the officers or directors of the registrant,

- B. of any person who becomes the beneficial owner, directly or indirectly, of more than 10 per cent of the outstanding voting shares of the registrant.

11. The registrant shall give prompt written notice to the Registrar of any material change in any of the information contained in or accompanying the application of the registrant for registration or for renewal of registration under the Plan. O. Reg. 987/76, s. 1, *part*.



## REGULATION 729

under the Ontario Pensioners Property Tax Assistance Act

### DEFINITION—"RENT PAID"

1. For the purpose of the Act, the expression "rent paid in the year to which the application relates" in sub-subclause 1 (*h*) (ii) (B) of the Act includes rent that the eligible person or his spouse has agreed to pay for occupation, during the year to which the application relates, of the principal residence occupied by the eligible person. O. Reg. 667/80, s. 1.



## REGULATION 730

### under the Ontario Pensioners Property Tax Assistance Act

#### GENERAL

#### 1. For the purposes of subclause 1 (g) (iv) of the Act,

- (a) amounts paid for commutation of statute labour pursuant to the *Statute Labour Act* or pursuant to a by-law under the authority of that Act;
- (b) amounts paid for fees charged by a school board and licence fees levied by a municipality in respect of mobile homes;
- (c) charges levied by a municipality in respect of local improvements financed through the Ministry of the Environment; and
- (d) taxes imposed under the *Local Services Boards Act* and levied under the *Provincial Land Tax Act*,

are prescribed. O. Reg. 665/80, s. 1; O. Reg. 1025/80, s. 1.

2. For the purpose of clause 1 (j) of the Act, the prescribed manner shall be by completing an application referred to in subsection 2 (1) of the Act. O. Reg. 665/80, s. 2.

3.—(1) The Deputy Minister of Revenue and the Officer in the Ministry of Revenue holding the position of Assistant Deputy Minister, Tax Revenue, may exercise any power and perform any duty conferred or imposed on the Minister by the Act.

(2) The officer in the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue holding the position of Director may exercise the powers and perform the duties conferred or imposed upon the Minister under the following provisions of the Act:

- 1. Section 2.
- 2. Subsections 3 (1) and (2).
- 3. Section 7.
- 4. Section 8.
- 5. Subsections 9 (1) and (2).
- 6. Clauses 16 (1) (a), (b) and (c).
- 7. Subsections 16 (2), (3) and (5).

(3) The officer in the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue holding the

position of Manager, Operations, may exercise the powers and perform the duties conferred or imposed upon the Minister under the following provisions of the Act:

- 1. Section 2.
- 2. Subsections 3 (1) and (2).
- 3. Section 7.
- 4. Section 8.
- 5. Subsections 9 (1) and (2).
- 6. Subsection 16 (2).

(4) The officer in the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue holding the position of Manager, Benefits Control, may exercise the powers and perform the duties conferred or imposed upon the Minister under the following provisions of the Act:

- 1. Subsection 9 (2).
- 2. Clauses 16 (1) (a), (b) and (c).
- 3. Subsections 16 (2), (3) and (5).

(5) The officers in the Ministry of Revenue holding the positions of Director, Legal Services Branch and Director, Special Investigations Branch, may exercise the powers and perform the duties conferred or imposed upon the Minister under the following provisions of the Act:

- 1. Subsections 16 (1), (2), (3) and (5).

O. Reg. 665/80, s. 3.

4. Where an eligible person ceases to be an eligible person after the 30th day of June, 1980 the Minister may, upon application, pay a grant to such person provided that for the purposes of calculating the grant provided for in section 2 of the Act the occupancy costs of such person shall be the rent or municipal tax paid or payable by such person or his spouse with respect to such person's principal residence but only such rent or municipal tax as is attributable to the portion of the year up to and including the date upon which such person ceased to be an eligible person and where such occupancy costs or any portion thereof were shared by such person or his spouse with one or more eligible persons or, where such person shared his principal residence with his spouse who was an eligible person, then the grant shall be apportioned in accordance with section 4 of Regulation 731 of Revised Regulations of Ontario, 1980. O. Reg. 1025/80, s. 2, *part*.

5. Where an eligible person dies after the 30th day of June, 1980 the Minister may pay a grant to the executor, administrator or a person entitled by law to apply for letters probate or letters of administration respecting the estate of the deceased provided that,

- (a) for the purposes of calculating the grant provided for in section 2 of the Act, the occupancy costs of the deceased person shall be the rent or municipal tax paid or payable by the deceased or his spouse with respect to the principal residence of the deceased but only such rent or municipal tax as is attributable to the portion of the year up to and including the date of death of the deceased and where such occupancy costs or any portion thereof were shared by the deceased or his spouse with one or more eligible persons or where the deceased shared his principal residence with his spouse who was an eligible person, then the grant shall be apportioned in accordance with section 4 of Regulation 731 of Revised Regulations of Ontario, 1980;
- (b) an application for such grant is completed by any of such representatives of the deceased and forwarded to the Minister within the time described in section 6 of the Act; and
- (c) a statement certified by any of such representatives is furnished to the Minister setting out,

- (i) the names and addresses of those eligible persons who shared with the deceased or his spouse the occupancy costs of the deceased's principal residence,
  - (ii) the name and address of the deceased's spouse where such spouse was an eligible person and shared with the deceased his principal residence,
  - (iii) the amount of the occupancy costs incurred by each of such persons in the year to which the application relates.
- O. Reg. 1025/80, s. 2, *part*.

6. Where an applicant or his spouse who is an eligible person does not pay full rent for the occupation of the applicant's principal residence where the applicant does not own the residence, but furnishes work or services to the owner or lessee of such principal residence, the value of the benefit that the applicant or his spouse receives from paying less than full rent may, for the purpose of determining the applicant's occupancy costs, be included by such applicant as part of the rent that he or his spouse has paid with respect to the principal residence, but the amount of such benefit may be so included only to the extent that the benefit is included in computing the income of the applicant or his spouse in accordance with the requirements of the *Income Tax Act* (Canada) for the year in respect of which such work or services are furnished. O. Reg. 1025/80, s. 2, *part*.

## REGULATION 731

### under the Ontario Pensioners Property Tax Assistance Act

#### GENERAL

1.—(1) An application referred to in subsection 2 (1) of the Act shall be in Form 1 or Form 2.

(2) A notice of objection under subsection 9 (3) of the Act shall be in Form 3. O. Reg. 951/80, s. 1.

2. For the purposes of clause 1 (e) of the Act premises included in the following kinds of institutions are not housing units:

1. An institution designated under section 1 of Regulation 611 of Revised Regulations of Ontario, 1980 under the *Mental Hospitals Act*.
2. A home for retarded persons as defined in the *Homes for Retarded Persons Act*.
3. A sanatorium as defined in the *Sanatoria for Consumptives Act*.
4. A hospital for chronic patients listed under Group F and Group G to the Schedule to Regulation 863 of Revised Regulations of Ontario, 1980 made under the *Public Hospitals Act*.
5. A "satellite home" as defined in clause 1 (n) of Regulation 502 of Revised Regulations of Ontario, 1980 made under the *Homes for the Aged and Rest Homes Act*.
6. A residential premises owned by or leased to a religious organization during such time as taxes for municipal and school purposes are not payable with respect to such premises.
7. A residential premises owned by or leased to a public hospital during such time as taxes for municipal and school purposes are not payable with respect to such premises.  
O. Reg. 618/80, s. 2; O. Reg. 951/80, s. 2.

3. When an individual would, within the meaning of clause 1 (c) of the Act, be an eligible person in a year except for the fact that his principal residence is not a

housing unit, such individual shall, for the purposes of the Act, be treated as an eligible person in that year if,

- (a) taxes for municipal and school purposes are paid or payable in that year for the premises that are not a housing unit and in which such person resides; and
- (b) no financial assistance is given by any governmental body or agency to reduce the cost of occupation of such person in that premises.  
O. Reg. 618/80, s. 3.

4.—(1) For the purposes of apportioning a grant as described in subsection 4 (2) of the Act, the occupancy costs attributable to each co-applicant who is entitled to share in such grant are,

- (a) where the applicant is not the spouse of any co-applicant, the occupancy costs paid or payable by such co-applicant in the year to which the application relates with respect to the principal residence or residences to which the joint application relates; and
- (b) where the co-applicant is the spouse of a co-applicant, one-half of the total occupancy costs paid or payable by both spouses in the year to which the application relates with respect to the principal residence or residences to which the joint application relates.

(2) Notwithstanding clause 1 (b), where an individual and his spouse who have shared a principal residence for part of a year separate and enter into a separation agreement, the occupancy costs attributable to each spouse for such year are,

- (a) for that portion of the year during which the spouse was an eligible person and shared a principal residence with his spouse, one-half of the total occupancy costs paid during such time by both spouses with respect to their principal residence; and
- (b) for any other portion of the year during which the spouse was an eligible person, the occupancy costs paid or payable by him or her with respect to his or her principal residence.  
O. Reg. 618/80, s. 4.

## Form 1

## Ontario Pensioners Property Tax Assistance Act



Ministry  
of  
Revenue

Guaranteed Income  
and Tax Credit  
Branch

Queen's Park  
Toronto, Ontario  
M7A 2G1

# Ontario Pensioners Property Tax Grant Application

OTG-1  
1980

- PLEASE READ INSTRUCTIONS BEFORE COMPLETING THIS FORM.
- MARRIED COUPLES COMPLETE ONLY ONE FORM — (See Instruction Item 2).
- RENTAL RECEIPTS MUST BE ATTACHED TO THIS FORM — (See Instruction Item 4B).

## A. Identification of Applicant(s)

If name or address above is incorrect — enter correction below:		Applicant's Social Insurance Number (if not shown above)	
Given Name	Surname		
31	47 48	67	
Number and Street			
31	Province		67
City/Town/Village		Postal Code	
48	87 88	107 108 114	
Year of Birth		<input type="checkbox"/> Single, Widowed, Divorced <input type="checkbox"/> Married <input type="checkbox"/> Separated	
If your Marital Status changed in 1980, give month of change:			

## Spouse Information

Given Name	Surname	Spouse's Year of Birth
31	47 48	67
Spouse's Old Age Security Number (if applicable)	Spouse's Social Insurance Number	
58	74	77 78 79 85

Did you reside in 1980 with anyone (**other than your spouse**) who was 65 years of age or older and share with that person the Property Tax or Rent on any of your Principal Residences?

1 ☐ NO — Complete the rest of **THIS SIDE**

2 ☐ YES — Complete the **REVERSE SIDE**

## B. Principal Residence(s) in Ontario in 1980

		Your Property Tax/ Rent in 1980
Last Residence Address in 1980	Number and Street	1 <input type="checkbox"/> Owned \$
	City/Town/Village	2 <input type="checkbox"/> Rented
	Assessment Roll Number (Homeowners only) — See Instruction Item 4B	
	33 CNTY. 34 MUN. 35 MAP. 36 SUB. 37 PARCEL 38 "PRIM/SUB" 39	
Prior Residence Addresses in 1980	Number and Street	1 <input type="checkbox"/> Owned \$
	City/Town/Village	2 <input type="checkbox"/> Rented
	Number and Street	1 <input type="checkbox"/> Owned \$
	City/Town/Village	2 <input type="checkbox"/> Rented
Are any of the above Principal Residences a — Nursing Home, Home for the Aged, Chronic Care Facility, Charitable Institution, or Home for Special Care? <input type="checkbox"/> Yes <input type="checkbox"/> No		

## C. Designation of Payment (Married Couples - Both Spouses Eligible) — (See Instruction Item 4C)

Our Property Tax Grant is to be paid in the manner indicated below:

- 1 ☐ Cheque payable jointly to husband and wife
- 2 ☐ Cheque payable to Name of spouse to whom payment is to be made
- 3 ☐ Separate cheques (50 per cent of grant to each eligible spouse)

## D. Certification

I/we certify that the information provided in this application is true, correct and complete and that I/we

- are ordinarily resident in Ontario and have resided in the principal residences indicated above,
- have submitted only this application for a Property Tax Grant in respect to 1980 and
- consent to the checking of such information with the Department of National Revenue, Taxation and the Department of National Health and Welfare.

Signature of Applicant	Signature of Spouse (if eligible person)	Date	Telephone Number
------------------------	--	------	------------------

## E. If someone other than the applicant has signed this form indicate below in what capacity that person is acting

- ☐ Trustee
- ☐ Executor of Applicant's Estate
- ☐ Other (Specify e.g. witness)

SI VOUS VOLEZ RECEVOIR CETTE DEMANDE EN FRANÇAIS À L'AVENIR, VEUILLEZ COCHER (✓) CETTE CASE

FOR OFFICE USE ONLY									
31	32	33	34	35	36	37	38	39	40

### SHARED RESIDENCE SCHEDULE

- Complete this page only if you answered "YES" at the end of Section A on the front of this form.
- Before completing — Read Instruction Items 4F to 4I.

#### F. Principal Residence(s) in Ontario in 1980

F. Principal Residence(s) in Ontario in 1980				Names (including Applicant)		Share of Property Tax/ Rent in 1980	
Last Residence Address in 1980	Number and Street	<input type="checkbox"/> 1 Owned	Given Name	Surname	\$		
	City/Town/Village	<input type="checkbox"/> 2 Rented					
	Assessment Roll Number (Homeowners only) - See Instruction Item 48						
	48 CNTY	MUN	52 MAP	SUB	PARCEL	"PRIM/SUB"	98
Prior Residence Address in 1980	Number and Street	<input type="checkbox"/> 1 Owned					
	City/Town/Village	<input type="checkbox"/> 2 Rented					
Prior Residence Address in 1980	Number and Street	<input type="checkbox"/> 1 Owned					
	City/Town/Village	<input type="checkbox"/> 2 Rented					

Are any of the above Principal Residences a — Nursing Home, Home for the Aged, Chronic Care Facility,  
Charitable Institution, or Home for Special Care?

☐ Yes ☐ No

## G. Designation of Payment — (See Instruction Item 4G)

The eligible persons occupying the last principal residence in 1980, agree that the grant in respect of that residence is to be paid in the manner indicated below:

- 1 ☐ Separate cheques payable to each applicant based on his/her portion of the occupancy cost.
- 2 ☐ One Cheque payable to 

Given Name	Surname
------------	---------

2 ☐ One Cheque payable to Given Name Surname  
 Name of person to whom payment is to be made 00 04.05 104

## H. Certification

I/we certify that the information provided in this application is true, correct and complete and that I/we

- are ordinarily resident in Ontario, have resided in the principal residence(s) indicated above,
- have submitted only this application for a Property Tax Grant in respect to 1980 and
- consent to the checking of such information with the Department of National Revenue, Taxation and the Department of National Health and Welfare.

Signature of Applicant	Signature of Spouse (if eligible person)	Date	Telephone Number
------------------------	--	------	------------------

I. If someone other than the applicant has signed this form indicate below in what capacity that person is acting

- ☐ Trustee
- ☐ Executor of Applicant's Estate
- ☐ Other (Specify e.g. witness)

Date of Death	Month	Year	Name of person signing (PLEASE PRINT)
	105	107	

SI VOUS VOULEZ RECEVOIR CETTE DEMANDE EN FRANÇAIS À L'AVENIR, VEUILLEZ COCHER (✓) CETTE CASE ☐

[illegible]

## Form 2

## Ontario Pensioners Property Tax Assistance Act



Ministère  
du  
Revenu

Direction du revenu  
garanti et  
des crédits d'impôt

Queen's Park  
Toronto (Ontario)  
M7A 1X8

OTG-1  
1980

**Demande de subvention  
pour les impôts fonciers  
Pensionnés de l'Ontario**

- VEUILLEZ LIRE LES INSTRUCTIONS AVANT DE REMPLIR LA FORMULE
- LES CONJOINTS NE DOIVENT REMPLIR QU'UNE FORMULE — (Voir les instructions, section 2)
- IL FAUT ATTACHER LES RECUS DE LOYER À LA FORMULE — (Voir les instructions, section 4B)

**A. Identification du (des) requérant(s)**

Si le nom ou l'adresse qui précède est inexact — inscrire les corrections ci-après:		Numéro d'assurance sociale du requérant (s'il n'est pas inscrit plus haut)	
Prénom	Nom de famille		
31	47 48	67	
Numéro et rue		Date de naissance	
31		67	
Ville/Village	Province	Code postal	
88	87 88	107 108 114	
		Etat matrimonial <input type="checkbox"/> Célibataire, Veuf(ve), Divorcé(e) <input type="checkbox"/> Marié(e) <input type="checkbox"/> Séparé(e)	
Si votre état matrimonial a changé en 1980, inscrivez le mois du changement:			

**Renseignements sur le conjoint**

Prénom	Nom de famille	Année de naissance du conjoint
21	47 48	67
Numéro de pension de sécurité de la vieillesse du conjoint (s'il y a lieu)	Numéro d'assurance sociale du conjoint	
49	77 83	

Avez-vous demeuré en 1980 avec une personne ayant 65 ans ou plus, (autre que votre conjoint) et partagé les impôts fonciers ou le loyer de l'une de vos résidences principales?

1 ☐ NON — remplissez le bas de CETTE PAGE

2 ☐ OUI — remplissez le VERSO

B. Résidence(s) principale(s) en Ontario en 1980		Votre impôt foncier/loyer en 1980	
Adresse de la dernière résidence en 1980	Numéro et rue	1 <input type="checkbox"/> Propriétaire	\$
	Ville/Village	2 <input type="checkbox"/> Locataire	¢
	Numéro de rôle de l'évaluation (propriétaires seulement) — Voir les instructions, section 4B		
Adresse des résidences précédentes en 1980	Numéro et rue	1 <input type="checkbox"/> Propriétaire	\$
	Ville/Village	2 <input type="checkbox"/> Locataire	¢
	Numéro et rue		
Ville/Village	Numéro et rue	1 <input type="checkbox"/> Propriétaire	\$
	Ville/Village	2 <input type="checkbox"/> Locataire	¢
	L'une des principales résidences qui précèdent est-elle — une maison de repos, un foyer pour personnes âgées, un établissement de traitement des maladies chroniques, un organisme de bienfaisance ou un foyer pour soins spéciaux? <input type="checkbox"/> Oui <input type="checkbox"/> Non		

**C. Mode de paiement (couples mariés — deux conjoints admissibles) — (Voir les instructions, section 4C)**

La subvention pour les impôts fonciers sera payée de la manière indiquée ci-après:

1 ☐ par chèque payable à l'époux et à l'épouse conjointement

Prénom et nom de famille (EN LETTRES MOULÉES)

2 ☐ par chèque payable à l'ordre de

89

3 ☐ au moyen de deux chèques de la moitié de la subvention chacun, respectivement payables à chacun des conjoints

**D. Attestation**

J'atteste (nous attestons) que les renseignements donnés dans la présente demande sont véridiques, exacts et complets et que je (nous)

- réside (résidons) ordinairement en Ontario et que j'ai (nous avons) demeuré dans les résidences principales indiquées ci-dessus,
- j'ai (nous avons) soumis seulement cette demande de subvention pour les impôts fonciers pour l'année 1980 et j'accepte (nous acceptons) que le ministère du Revenu national, l'impôt et le ministère de la Santé et du Bien-être social vérifient ces renseignements.

Signature du requérant	Signature du conjoint (s'il est admissible)	Date	Numéro de téléphone
------------------------	---	------	---------------------

**E. Si une personne autre que le requérant signe la formule, elle doit indiquer ci-après à quel titre**

☐ Fiduciaire

☐ Exécuteur testamentaire du requérant

Date du décès 89 91 92 Nom du signataire (EN LETTRES MOULÉES)

☐ Autre (spécifier, par ex.: témoin)

RÉSERVÉ AU BUREAU									
31	32	33	34	35	36	37	38	39	40
41									

CÉDULE DE RÉSIDENCE PARTAGÉE

- Ne remplissez cette page que si vous avez répondu "OUI" à la fin de la section A au recto de la formule
- Lisez les instructions, section 4F à 4I, avant de remplir la page.

**F. Résidence(s) principale(s) en Ontario en 1980**

Noms (y compris celui du requérant)		Portion des impôts fonciers/du loyer de 1980	
Prénom	Nom de famille	\$	¢
1 <input type="checkbox"/> Propriétaire			
2 <input type="checkbox"/> Locataire			
Numéro de rôle de l'évaluation (propriétaires seulement) — Voir les instructions, section 4B			
PARCEL		"PRIM/SUB"	
Numéro et rue			
Ville/Village			
1 <input type="checkbox"/> Propriétaire			
2 <input type="checkbox"/> Locataire			
Numéro et rue			
Ville/Village			
1 <input type="checkbox"/> Propriétaire			
2 <input type="checkbox"/> Locataire			

L'une des principales résidences qui précèdent est-elle — une maison de repos, un foyer pour personnes âgées, un établissement de traitement des maladies chroniques, un organisme de bienfaisance ou un foyer pour soins spéciaux? ☐ Oui ☐ Non.

**G. Mode de paiement** — (Voir les instructions, section 4G)

Les personnes admissibles demeurant dans la dernière résidence principale de 1980 consentent à ce que la subvention relative à ladite résidence soit payée de la manière indiquée ci-après:

1 ☐ par chèque respectivement payable à chacun des requérants et aux montants proportionnels à leur portion du coût d'habitation

2 ☐ au moyen d'un seul chèque payable à l'ordre de  Prénom  Nom de famille

Nom de la personne à laquelle le chèque doit être envoyé

EN LETTRES MOULÉES

**H. Attestation**

J'atteste (nous attestons) que les renseignements donnés dans la présente demande sont véridiques, exacts et complets et que je (nous)

- réside (résidons) ordinairement en Ontario et que j'ai (nous avons) demeuré dans les résidences principales indiquées ci-dessus,
- j'ai (nous avons) soumis seulement cette demande de subvention pour les impôts fonciers pour l'année 1980 et
- j'accepte (nous acceptons) que le ministère du Revenu national, l'impôt et le ministère de la Santé et du Bien-être social vérifient ces renseignements.

Signature du requérant	Signature du conjoint (s'il est admissible)	Date	Numéro de téléphone
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**I. Si une personne autre que le requérant signe la formule, elle doit indiquer ci-après à quel titre**

☐ Fiduciaire

☐ Exécuteur testamentaire du requérant

☐ Autre (spécifier, par ex.: témoin)

Date du décès	Mois	Année	Nom du signataire (EN LETTRES MOULÉES)
	100	100	100

RÉSERVÉ AU BUREAU

<input type="checkbox"/> 109	<input type="checkbox"/> 110	<input type="checkbox"/> 111	<input type="checkbox"/> 112	<input type="checkbox"/> 113	<input type="checkbox"/> 114	<input type="checkbox"/> 115	<input type="checkbox"/> 116	<input type="checkbox"/> 117	<input type="checkbox"/> 118
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## Form 3

*Ontario Pensioners Property Tax Assistance Act*

Ministry  
of  
Revenue  
Ontario

**Notice of Objection**

Ontario Pensioners Property Tax Assistance Act

**INSTRUCTIONS:**

To be prepared in TRIPLICATE, ONE copy to be retained and TWO copies to be sent by REGISTERED MAIL addressed to the Minister of Revenue, c/o The Director, Tax Appeals Branch, Ministry of Revenue, Queen's Park, Toronto, Ontario, M7A 1X8.

The envelope containing this NOTICE must be postmarked within sixty days from the day of mailing or delivery of the MINISTER'S DECISION or STATEMENT OF DETERMINATION to which objection is being made.

Name of Applicant

Old Age Security Number

Social Insurance Number

STREET AND NUMBER

Telephone No.:

Mailing  
Address

CITY/TOWN

PROVINCE

Postal Code

**NOTICE OF OBJECTION** is hereby given to  
the **MINISTER'S DECISION** or **STATEMENT OF DETERMINATION**  
dated .....

The following are the reasons for objection and a full statement of facts relating thereto:

(If space is insufficient, a separate memorandum should be attached setting forth —

- (1) full statement of reasons for objection, and
- (2) full statement of relevant facts.)



CHECK HERE  
IF ADDITIONAL SHEETS ATTACHED.

Date

Signature

**THIS NOTICE MUST BE SIGNED BY THE APPELLANT OR HIS AUTHORIZED REPRESENTATIVE**

1635 (80-09)

O. Reg. 951/80, s. 3, *part.*

## REGULATION 732

under the Ontario Place Corporation Act

### FEES

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "adult" means a person eighteen years of age and over;
- (b) "child" means a person under the age of thirteen years;
- (c) "junior" means a person who is at least thirteen years of age but who has not yet attained the age of eighteen years;
- (d) "senior citizen" means any person who is sixty-five years of age or over;
- (e) "winter season" means the period from and including the 22nd day of November, 1980 to and including the 29th day of March, 1981. O. Reg. 878/74, s. 1; O. Reg. 299/77, s. 1; O. Reg. 26/79, s. 1; O. Reg. 864/79, s. 1; O. Reg. 1065/80, s. 1.

#### 2.—(1) The fee for entrance to Ontario Place other than during the winter season is,

- (a) for each adult, before 9 p.m., \$2.50;
- (b) for each adult, after 9 p.m., \$1.00;
- (c) for each adult at any time during the Canadian National Exhibition, \$2.50;
- (d) for each junior before 9 p.m., \$1.50;
- (e) for each junior after 9 p.m., \$1.00;
- (f) for each junior fourteen years of age or over, at any time during the Canadian National Exhibition, \$2.50;
- (g) for each junior under the age of fourteen years, at any time during the Canadian National Exhibition, 50 cents;
- (h) for each child who is unaccompanied by an adult at any time other than during the Canadian National Exhibition, \$1.50;
- (i) for each child who is accompanied by an adult at any time other than during the Canadian National Exhibition, 50 cents;
- (j) for any child during the Canadian National Exhibition, 50 cents;

- (k) for each senior citizen, no charge; and
- (l) for a season's pass, \$45.00;
- (m) for a book of twenty tickets, \$30.00;
- (n) for a book of fifteen tickets, \$25.00; and
- (o) for a book of ten tickets, \$20.00.

O. Reg. 907/78, s. 1 (1); O. Reg. 26/79, s. 2 (1); O. Reg. 259/79, s. 1. (1, 2).

#### (2) The fee for entrance to Ontario Place during the winter season is,

- (a) from and including the 22nd day of November, 1980 to and including the 4th day of January, 1981,
  - (i) for each adult, \$1.00,
  - (ii) for each junior, \$1.00,
  - (iii) for each child who is accompanied by an adult, 50 cents,
  - (iv) for each child who is not accompanied by an adult, \$1.00, and
  - (v) for each senior citizen, no charge; and
- (b) from and including the 5th day of January, 1981 to and including the 29th day of March, 1981, no charge. O. Reg. 864/79, s. 2 (1); O. Reg. 1065/80, s. 2 (1, 2).

#### (3) The fee for one ride on the land train is 25 cents. O. Reg. 878/74, s. 2 (2).

#### (4) The fee for one game of mini-golf is,

- (a) for each adult, \$1.00;
- (b) for each child, 75 cents. O. Reg. 410/76, s. 1 (2), *part*; O. Reg. 259/79, s. 1 (3).

#### (5) The fee for entrance to HMCS Haida is,

- (a) for each adult, 75 cents;
- (b) for each junior, 50 cents; and
- (c) for each child, 50 cents. O. Reg. 907/78, s. 1 (2).

(6) The fee for the use of a pedal boat for a period of twenty minutes is \$1.50. O. Reg. 410/76, s. 1 (2), *part*.

(7) The fee for parking other than during the winter season is,

- (a) for one car at any time other than during the Canadian National Exhibition, \$2.50 a day;
- (b) for one car during the Canadian National Exhibition, \$3.50 a day;
- (c) for one car and trailer or one recreational vehicle over twenty feet in length or one bus at any time other than during the Canadian National Exhibition, \$5.00 a day;

(d) for one car and trailer or one recreational vehicle over twenty feet in length or one bus during the Canadian National Exhibition, \$7.00 a day;

(e) for a reserved space for one car on the east island,

- (i) monthly, \$50.00, or
- (ii) seasonally, \$200.00;

(f) for one car for one month on the east island for an unreserved space, \$20.00;

(g) for an unreserved space for one car on the mainland,

- (i) monthly, \$50.00, or
- (ii) seasonally, \$200.00;

(h) for one car for one month for staff members of Ontario Place, \$12.00; and

(i) for one car for the season for staff members of Ontario Place, \$30.00. O. Reg. 512/80, s. 1 (1).

(8) The fee for parking during the winter season is no charge. O. Reg. 864/79, s. 2 (2).

(9) The fee for entrance to the Cinesphere other than during the winter season is,

- (a) during the Canadian National Exhibition, \$1.00; and
- (b) at any time other than during the Canadian National Exhibition, no charge. O. Reg. 878/74, s. 2 (7); O. Reg. 299/77, s. 2 (2); O. Reg. 26/79, s. 2 (5).

(10) The fee for entrance to the Cinesphere during the winter season is,

(a) for IMAX films, no charge;

(b) for other than IMAX films, from and including the 22nd day of November, 1980 to and including the 4th day of January, 1981,

(i) for each adult, \$2.50,

(ii) for each junior, \$2.00,

(iii) for each child who is accompanied by an adult, \$1.00,

(iv) for each child who is not accompanied by an adult, \$1.25, and

(v) for each senior citizen, \$1.00,

(vi) for special presentations, the fee schedule as required by the terms of the rental agreement with the distributor and as advertised by the Corporation; and

(c) for other than IMAX films, from and including the 5th day of January, 1981 to and including the 29th day of March, 1981,

(i) for each adult, \$3.50,

(ii) for each junior, \$3.00,

(iii) for each child, \$1.50, and

(iv) for each senior citizen, \$1.00,

(v) for special presentations, the fee schedule as required by the terms of the rental agreement with the distributor and as advertised by the Corporation. O. Reg. 1065/80, s. 2 (3).

(11) The fee for entrance to Theatre 1 is,

(a) other than during the winter season, no charge;

(b) from and including the 22nd day of November, 1980 to and including the 4th day of January, 1981, no charge; and

(c) from and including the 5th day of January, 1981 to and including the 29th day of March, 1981,

(i) for each adult, \$3.50,

(ii) for each junior, \$3.00,

(iii) for each child, \$1.50, and

(iv) for each senior citizen, \$1.00,

(v) for special presentations, the fee schedule as required by the terms of

the rental agreement with the distributor and as advertised by the Corporation. O. Reg. 1065/80, s. 2 (4).

(12) The fee for,

(a) admission to the skating rink is from and including the 22nd day of November, 1980 to and including the 4th day of January, 1981, no charge;

(b) admission to the skating rink is from and including the 5th day of January, 1981 to and including the 29th day of March, 1981,

(i) for each adult, \$1.00,

(ii) for each junior, \$1.00,

(iii) for each child who is accompanied by an adult, 50 cents, and

(iv) for each child who is not accompanied by an adult, \$1.00;

(c) for rental of one pair of ice skates, \$1.00; and

(d) for sharpening of one pair of ice skates, \$1.00. O. Reg. 864/79, s. 2 (5); O. Reg. 1065/80, s. 2 (5).

(13) The daily, monthly and seasonal fee for use of the Marina for runabouts, cruisers and sailboats other than trimarans and catamarans is that amount in Column 2 of Table 1 set out opposite the length of the boat in Column 1 of Table 1.

(14) The daily, monthly and seasonal fee for use of the Marina for trimarans and catamarans is that amount in Column 2 of Table 2 set out opposite the length of the boat in Column 1 of Table 2. O. Reg. 410/76, s. 1 (4).

(15) The fee for use of the marina pump-out facilities is \$5.00 per pump out. O. Reg. 299/77, s. 2 (3).

(16) The fee for,

(a) admission to the roller skating rink for each period of skating is \$1.00 for each person; and

(b) rental of one pair of roller skates for one period is .50¢ for each person. O. Reg. 259/79, s. 1 (8).

(17) The fee for a ride on a bumper boat for each period of five minutes is \$1.50 for each person. O. Reg. 512/80, s. 1 (2).

TABLE 1

## SAILBOATS, RUNABOUTS AND CRUISERS

COLUMN 1	COLUMN 2		
	Daily	Monthly	Seasonal
Up to and including 20 feet	\$ 7.50	\$105.00	\$ 430.00
21 feet to and including 25 feet	8.50	155.00	595.00
26 feet to and including 30 feet	9.50	180.00	710.00
31 feet to and including 35 feet	10.50	205.00	830.00
36 feet to and including 40 feet	12.00	240.00	945.00
41 feet to and including 45 feet	13.50	270.00	1,080.00
46 feet to and including 50 feet	14.00	295.00	1,190.00
51 feet to and including 55 feet	14.50	325.00	1,305.00
56 feet to and including 60 feet	15.50	360.00	1,420.00
Over 60 feet in length, for each foot or portion thereof of length over all	.30	6.00	23.50

O. Reg. 512/80, s. 2, *part.*

TABLE 2

## TRIMARANS AND CATAMARANS

COLUMN 1	COLUMN 2		
	Daily	Monthly	Seasonal
To and including 20 feet	\$12.25	\$115.00	\$ 470.00
21 feet to and including 25 feet	14.75	170.00	685.00
26 feet to and including 30 feet	17.00	205.00	830.00
31 feet to and including 40 feet	19.00	315.00	1,265.00
Over 40 feet, for each foot or portion thereof of length over all	.75	8.00	32.00

O. Reg. 512/80, s. 2, *part.*



## REGULATION 733

### under the Ontario Telephone Development Corporation Act

#### COMPOSITION AND PROCEDURES OF CORPORATION

##### INTERPRETATION

1. In this Regulation, "board of directors" means the board of directors of the Corporation. R.R.O. 1970, Reg. 642, s. 1.

##### COMPOSITION OF CORPORATION

2. The Corporation shall be composed of three members. R.R.O. 1970, Reg. 642, s. 2.

##### MEETINGS OF THE BOARD OF DIRECTORS

3. Meetings of the board of directors may be called at any time by the chairman or, in his absence, by the vice-chairman. R.R.O. 1970, Reg. 642, s. 3.

4. Notice of all meetings of the board of directors shall be delivered to the office of each member of the board at least twenty-four hours before the meeting, but no notice is necessary when all members of the board, either before or after the meeting, sign a waiver of notice. R.R.O. 1970, Reg. 642, s. 4.

5. Two directors constitute a quorum at any meeting of the board of directors. R.R.O. 1970, Reg. 642, s. 5.

##### RECORDS

6. The board of directors shall cause the secretary, or some other official of the Corporation charged with that duty, to keep a book or books in which shall be recorded,

- (a) a copy of the *Ontario Telephone Development Corporation Act*, any amendments thereto and a copy of the regulations made thereunder;
- (b) a copy of all orders in council relating to the Corporation;
- (c) the names of all members of the board of directors and the dates on which each became and ceased to be a member of the board; and

- (d) the minutes of all meetings and votes of the board of directors, verified by the signature of the chairman or vice-chairman. R.R.O. 1970, Reg. 642, s. 6.

7. The board of directors shall cause to be kept proper books of account containing full and true statements of,

- (a) the financial transactions of the Corporation;
- (b) the assets of the Corporation;
- (c) the money received and expended by the Corporation and the matters in respect of which the receipt and expenditure took place; and
- (d) the credits and liabilities of the Corporation. R.R.O. 1970, Reg. 642, s. 7.

##### FISCAL YEAR

8. The fiscal year of the Corporation terminates on the 31st day of March in each year. R.R.O. 1970, Reg. 642, s. 8.

##### EXECUTION OF DOCUMENTS

9. All cheques, notes and orders for the payment of money shall be signed by two directors. R.R.O. 1970, Reg. 642, s. 9.

10. Contracts, documents or instruments in writing requiring execution by the Corporation may be signed by two directors, or the board of directors by resolution may appoint any official or person on behalf of the Corporation to sign contracts, documents and instruments in writing. R.R.O. 1970, Reg. 642, s. 10.

##### SEAL

11. The seal of the Corporation shall be in the form of two concentric circles with the words "The Ontario Telephone Development Corporation" inserted in the space between the circles, and when used shall be authenticated as provided by section 10. R.R.O. 1970, Reg. 642, s. 11.



## REGULATION 734

### under the Ontario Unconditional Grants Act

#### GENERAL

#### INTERPRETATION

#### 1.—(1) In this Regulation,

(a) “audited financial information return” means the financial information return of a lower tier or upper tier municipality provided pursuant to section 3 of the *Municipal Affairs Act* and section 84 of the *Municipal Act*;

(b) “average commercial mill rate for non-school purposes” means in respect of a municipality the quotient obtained by dividing the aggregate of,

(i) the sum of the products of taxable commercial and industrial, and business assessment for own purposes, and applicable commercial, industrial and business mill rates for its own purposes, and

(ii) the sum of the products of taxable commercial and industrial, and business assessment for upper tier purposes, and applicable commercial, industrial and business mill rates for upper tier purposes,

by

(iii) taxable commercial and industrial, and business assessment;

(c) “equivalent assessment” for a particular year means the assessment that, if a tax had been levied on it by the lower tier municipality at the average commercial mill rate for non-school purposes for the immediately preceding year, would have produced an amount equal to the aggregate of the following amounts for the immediately preceding year,

(i) telephone and telegraph taxation for its own purposes,

(ii) telephone and telegraph taxation for upper tier purposes,

(iii) payments in lieu of taxes for its own purposes, and

(iv) the upper tier share of payments in lieu of taxes;

(d) “Ministry” means the Ministry of Intergovernmental Affairs;

(e) “new assessment deficiency of a lower tier municipality” means \$21,200 minus the per capita new equalized assessment of the municipality;

(f) “new equalized assessment of a lower tier municipality” means the total assessment of the municipality minus 15 per cent of the residential and farm taxable assessment of the municipality with the result being adjusted by the new equalization factor;

(g) “new relative deficiency of a lower tier municipality” means the quotient obtained by dividing the new assessment deficiency of the municipality by \$21,200, correct to three decimal places;

(h) “new resource equalization grant rate of a lower tier municipality” means the percentage, correct to four decimal places, equal to,

(i) 60 per cent of the new relative deficiency of the municipality,

(ii) or, 25 per cent,

whichever is less;

(i) “old assessment deficiency of a lower tier municipality” means \$11,050 minus the per capita old equalized assessment of the municipality;

(j) “old equalization factor of a municipality” and “new equalization factor of a municipality” mean the factors for the municipality as set out in Column A and Column B respectively of Schedule 2;

(k) “old equalized assessment of a lower tier municipality” means the total assessment of the municipality adjusted by the old equalization factor;

(l) “old relative deficiency of a lower tier municipality” means the quotient obtained by dividing the old assessment deficiency of the municipality by \$11,050, correct to three decimal places;

(m) “old resource equalization grant rate of a lower tier municipality” means the percentage, correct to four decimal places, equal to,

(i) 60 per cent of the old relative deficiency of the municipality, or

- (ii) 25 per cent,

whichever is less;

- (n) "per capita new equalized assessment of a lower tier municipality" means the quotient, correct to the nearest dollar, obtained by dividing the new equalized assessment of the lower tier municipality by the grants population of the municipality as calculated under section 2;
- (o) "per capita old equalized assessment of a lower tier municipality" means the quotient, correct to the nearest dollar, obtained by dividing the old equalized assessment of the lower tier municipality by the grants population as calculated under section 2;
- (p) "total assessment of a lower tier municipality" for purposes of determining grants under this Regulation in a particular year means the sum of,
  - (i) the residential and farm, commercial and industrial, and business taxable assessment of the municipality, as set out in the audited financial information return of the lower tier municipality for the immediately preceding year; and
  - (ii) the equivalent assessment of the municipality.

(2) Where the new equalized assessment, as defined in clause (1) (f), of a lower tier municipality exceeds the amount obtained by multiplying the old equalized assessment of that municipality by 2.15189, the amount obtained by multiplying the old equalized assessment by 2.15189 shall be used in place of the new equalized assessment of that lower tier municipality for purposes of determining the per capita new equalized assessment of the municipality.

(3) Where the new equalized assessment, as defined in clause (1) (f), of a lower tier municipality is less than the amount obtained by multiplying the old equalized assessment of that municipality by 1.76063, the amount obtained by multiplying the old equalized assessment by 1.76063 shall be used in place of the new equalized assessment of the municipality for purposes of determining the per capita new equalized assessment of the municipality.

(4) The northern part of Ontario is prescribed as the area lying north of the French River, Lake Nipissing and the southerly boundary of the geographic Township of West Ferris and the townships of East Ferris, Bonfield, Calvin and Papineau in the Territorial District of Nipissing and includes all municipalities in the Territorial District of Manitoulin.

(5) For the purpose of calculating grants under this Regulation for any year, an amount referred to in this

Regulation and identified in column 1 of Schedule 1 by a reference to a section of this Regulation shall be the amount shown in that part of the audited financial information return for the immediately preceding year identified by the title set out opposite thereto in column 2 and located in the said part under the subheading and in the column and line thereof set out in the said column 2. O. Reg. 515/80, s. 1.

#### GRANTS POPULATION

2.—(1) The grants population of a lower tier municipality for purposes of determining grants under this Regulation in a particular year shall be the greater of,

- (a) the aggregate of,
  - (i) the population of the municipality as determined for the immediately preceding year under section 14 and 15 of the *Assessment Act*, less the number of armed forces personnel residing on a Canadian Forces Base situated in the municipality in the immediately preceding year,
  - (ii) one-third the number of persons by which the municipality's population as ascertained in subclause (i) is less than 2.5 times the number of residential and farm households in the municipality in the immediately preceding year other than residential and farm households located on a Canadian Forces Base situated in the municipality in the immediately preceding year,
  - (iii) the total number of armed forces personnel residing in the immediately preceding year on a Canadian Forces Base situated in the municipality and not designated by the Minister of Finance as a self-contained defence establishment pursuant to section 2 of the *Municipal Grants Act* (Canada), and
  - (iv) one-third of the number of armed forces personnel residing in the immediately preceding year on a Canadian Forces Base situated in the municipality and designated by the Minister of Finance as a self-contained defence establishment pursuant to section 2 of the *Municipal Grants Act* (Canada); or
- (b) the quotient, correct to the nearest whole number, obtained by dividing by three the sum of the population calculated for the municipality under clause (a) and the grants populations of the municipality for the immediately preceding two years.

(2) Where the population of a municipality, as determined under subclause (1) (a) (i) is equivalent to

zero, the population of that municipality for the purpose of clause (a) shall be deemed to be zero.

(3) Notwithstanding subsection (1), where a municipality is incorporated in a particular year or the boundaries of a municipality are, in the opinion of the Minister, substantially altered in a particular year, the grants population of the municipality for that year shall be determined in accordance with clause (1) (a).

(4) Notwithstanding subsection (1), where the grants population is being determined for a municipality for a particular year and the municipality was incorporated in the immediately preceding year or the boundaries of the municipality were, in the opinion of the Minister, substantially altered in the immediately preceding year, the grants population for the particular year shall be the greater of,

- (a) the population of the municipality determined in accordance with clause (1) (a); or
- (b) the quotient, correct to the nearest whole number, obtained by dividing by two the sum of the population of the municipality determined under clause (1) (a) and the grants population of the municipality for the immediately preceding year. O. Reg. 515/80, s. 2.

#### GENERAL SUPPORT AND SPECIAL SUPPORT GRANTS

3. For the purposes of calculating a general support grant or special support grant for an upper-tier municipality, "net general dollar levy" means the aggregate of the following amounts for the immediately preceding year:

- 1. The total requisitions of a region or county.
- 2. The total direct water billings on rate-payers by a municipality for its own purposes.
- 3. The total sewer surcharge on direct water billings on ratepayers by a municipality for its own purposes.
- 4. Prepaid special charges.
- 5. Grant entitlements calculated under sections 10 and 11 of the Act. O. Reg. 264/78, s. 3.

4. For the purposes of calculating a general support grant or special support grant for a lower-tier municipality, the "net general dollar levy" means the aggregate of the following amounts for the immediately preceding year:

- 1. The total own purposes taxation of the municipality.

- 2. The total direct water billings on rate-payers by a municipality for its own purposes.
- 3. The total direct water billings on rate-payers levied by another lower-tier municipality or an upper-tier municipality other than the upper-tier municipality in which the municipality is situated.
- 4. The total sewer surcharges on direct water billings by a municipality for its own purposes.
- 5. The total sewer surcharges on direct water billings levied on ratepayers by another lower-tier municipality or an upper-tier municipality other than the upper-tier municipality in which the municipality is situated.
- 6. Payments in lieu of taxes for its own purposes.
- 7. Prepaid special charges.
- 8. The municipal share of the resource equalization grant entitlement calculated under section 8 of the Act.
- 9. Grant entitlements calculated under sections 10, 11 and 12 of the Act. O. Reg. 264/78, s. 4.

#### RESOURCE EQUALIZATION GRANT

5.—(1) The resource equalization grant payable in a particular year in respect of a lower tier municipality under subsection 8 (1) of the Act shall be an amount equal to the lesser of,

- (a) the new resource equalization grant rate of the lower tier municipality multiplied by its net general dollar levy; or
- (b) the resource equalization grant entitlement of the lower tier municipality for the immediate preceding year plus an amount equal to ten dollars multiplied by the grants population of the municipality. O. Reg. 515/80, s. 3 (1).

(2) In this section, "net general dollar levy" means the aggregate of the following amounts for the immediately preceding year:

- 1. The net general dollar levy as determined in section 4.
- 2. The total taxation of the municipality for upper-tier purposes.
- 3. The total direct water billings on rate-payers by a municipality for upper-tier purposes.

4. The total water billings levied directly on ratepayers in a lower-tier municipality by the upper-tier municipality in which it is situated.
  5. The total sewer surcharges on direct water billings by a municipality for upper-tier purposes.
  6. The total sewer service charges levied directly on ratepayers in a lower-tier municipality by the upper-tier municipality in which it is situated.
  7. The upper-tier share of payments in lieu of taxes.
  8. That portion of the resource equalization grant entitlement allocated to the upper-tier.
  9. The lower-tier municipality's share of the upper-tier municipality's grant entitlements calculated under sections 10 and 11 of the Act based on the ratio of a lower-tier municipality's share of support grants to the total support grants of the upper-tier municipality, correct to two decimal places. O. Reg. 264/78, s. 5 (2); O. Reg. 703/79, s. 2 (1).
- (3) The standard equalized assessment prescribed, for the purpose of subsection 8 (1) of the Act is \$21,200.
- (4) The portion of a resource equalization grant determined in respect of a lower-tier municipality under subsection (1) that is payable to the upper-tier municipality in which the lower-tier municipality is situate is that portion that bears the same ratio to the total resource equalization grant as the taxes levied by the lower-tier municipality in the immediately preceding year on commercial assessment for the upper-tier municipality bear to the total taxes levied by the lower-tier municipality in the immediately preceding year on commercial assessment for all purposes other than school purposes.
- (5) In determining the taxes levied on commercial assessment under subsection (4), there shall be excluded taxes levied on such assessment added to the collector's roll under section 43 of the *Assessment Act*.
- (6) The resource equalization grant determined in respect of a lower-tier municipality under subsection (1) less the portion of that grant payable under subsection (4) to the upper-tier municipality in which the lower-tier municipality is situate shall be paid to the lower-tier municipality. O. Reg. 515/80, s. 3 (2), *part*.
- (7) The clerk of every lower-tier municipality in respect of which a resource equalization grant is determined for any year shall, upon receiving notice from the Ministry of the amount of such grant, provide to the upper-tier municipality a statement of the amount of the grant and the amount to be added in respect of the grant to the equalized assessment of the municipality

under subsection 9 (1) of the Act. O. Reg. 1011/80, s. 1 (1), *part*.

(8) Where notice of the amount of a grant determined in any year in respect of a lower-tier municipality has not been received by the lower-tier municipality prior to the 1st day of March in that year, the clerk of the municipality shall estimate the amount of the resource equalization grant to be determined in respect of his municipality for that year by using the audited, or where unavailable, the unaudited, financial information return of the municipality for the preceding year, and by using an estimated grants population amount calculated in accordance with a formula provided in the particular year by the Ministry, and that estimated amount shall, pending determination of the actual resource equalization grant entitlement, be used in place of the actual resource equalization grant entitlement of the municipality for the current year for purposes of subsection 9 (1) of the Act. O. Reg. 515/80, s. 3 (2), *part*.

(9) A statement shall be provided by the clerk of the lower-tier municipality to the upper-tier municipality on or before the 1st day of April in each year showing,

- (a) the estimated grant for that year determined in accordance with subsection (8);
- (b) the portion of the estimated grant payable to the upper-tier municipality in accordance with subsection (4); and
- (c) the equivalent assessment that would have produced the amount of the estimated grant determined in accordance with subsection 9 (1) of the Act. O. Reg. 1011/80, s. 1 (1), *part*.

(10) When the actual resource equalization grant has been determined in respect of a lower-tier municipality to which subsections (8) and (9) apply and the statement in respect of that amount has been provided to the upper-tier municipality under subsection (7), all necessary adjustments shall be made to the apportionment of the upper-tier municipality. O. Reg. 515/80, s. 3 (2), *part*.

(11) Where the Ministry is unable to determine prior to the 15th day of September in any year the resource equalization grant payable in respect of a lower-tier municipality for that year, the Ministry may estimate the amount of the grant payable in respect of the municipality, which amount shall be known as the interim resource equalization grant entitlement of the lower-tier municipality, and may notify the clerk of the municipality of that interim resource equalization grant entitlement.

(12) Upon receiving a notice under subsection (11) the clerk of the lower-tier municipality shall forward to the upper-tier municipality within which the lower-tier municipality is situate a statement showing,

- (a) the interim resource equalization grant entitlement of the lower-tier municipality for

that year as determined by the Ministry under subsection (11); and

- (b) the equivalent assessment that would have produced the amount of that interim resource equalization grant entitlement as determined in accordance with subsection 9 (1) of the Act.

(13) Subject to subsection (14) where an upper-tier municipality is notified under subsection (12) of an interim resource equalization grant entitlement of a lower-tier municipality for any year, that entitlement and not the amount estimated under subsection (8), shall, pending determination of the actual resource equalization grant entitlement for that year be used in place of the actual resource equalization grant entitlement for purposes of subsection 9 (1) of the Act.

(14) Where an upper-tier municipality is notified under subsection (12) of an interim resource equalization grant entitlement of a lower-tier municipality for any year and the apportionment and levy or requisition, as the case may be, of the upper-tier municipality have already been made for that year, all necessary adjustments shall be made to the apportionment.

(15) For the purposes of subsection (14), "apportionment" includes an apportionment made by a county on the basis of one or more assessment rolls as returned to the clerk as provided for in subsection 365 (5) of the *Municipal Act*.

(16) Notwithstanding subsection (10), where the actual resource equalization grant in respect of a lower-tier municipality for any year is not determined until the next following year, all necessary adjustments shall be made to the apportionment of the upper-tier municipality for the year for which the grant was determined but any underpayments or overpayments to the upper-tier municipality shall be recovered or paid by adding or subtracting them, as the case may be, to the levy or requisition of the upper-tier municipality in that following year. O. Reg. 1011/80, s. 1 (2).

6. Where the total grants calculated under section 8 of the Act or section 2 of the *Ontario Unconditional Grants Amendment Act, 1979*, (No. 2), whichever is applicable, and under sections 10 and 11 of the Act for a municipality mentioned in Schedule 3 are less than 105 per cent of the mining revenue payment that would have been received by the municipality in 1973 as set out in Schedule 3, the net general dollar levies for those grants calculated under sections 4 and 5 shall be deemed to be an amount that would produce an aggregate grant equal to 105 per cent of the amount set out in Schedule 3. O. Reg. 515/80, s. 4.

7.—(1) In the calculation of the resource equalization grant, the general support grant, or the special support grant for a municipality, where incorporation took place effective on or after the first day of the calendar year or where responsibility for any service delivery has been transferred between a lower-tier municipality and an upper-tier mun-

icipality, data pertaining to the year of incorporation or the year of transfer of responsibility for service delivery may be substituted for data pertaining to the immediately preceding year.

(2) In the calculation of the resource equalization grant, the general support grant, or the special support grant to a lower- or upper-tier municipality, where incorporation took place effective on or after the first day of the calendar year, other than a municipality to which subsection (1) applies, or where major boundary changes took place on or after the first day of the calendar year, data pertaining to the immediately preceding year may be adjusted to take into account such incorporation or changes in boundaries.

(3) The net general dollar levy of a municipality may be adjusted if incorporation took place after the first day of the immediately preceding year leading to municipal data pertaining to only part of the calendar year. O. Reg. 264/78, s. 7.

#### OVERPAYMENT

8. When there is an overpayment or underpayment of grants paid to a municipality, the Minister shall adjust any grant paid to that municipality in the immediately following year by the amount of such overpayment or underpayment. O. Reg. 264/78, s. 8.

#### CONDITIONS OF GRANTS

9.—(1) Grants under this Regulation are conditional upon the submission by each municipality to the Ministry of the audited financial information return in the manner prescribed under section 9 of the *Municipal Affairs Act* and section 223 of the *Municipal Act* together with any additional data or amendments to the audited financial information return that may be required by the Ministry within the time required by the Ministry.

(2) Where a municipality fails to provide the additional data or amendments to the audited financial information return within the time required by the Ministry under subsection (1), the Ministry may in its sole discretion rely on such data as it considers relevant to calculate the amount of the grant payable to the municipality.

(3) Where a grant has been paid on the basis of calculations and data relied on by the Ministry under subsection (2), a municipality may request a recalculation of the grant payable to the municipality by submitting such additional data or amendments to the audited financial information return as requested by the Ministry.

(4) Where, in its sole discretion, the Ministry considers revisions to errors in the audited financial information return by a municipality to be un-

necessary for the purposes of the payment of a grant under the Act, the Ministry may amend the data as it considers necessary to calculate the amount of the grant payable to the municipality. O. Reg. 264/78, s. 9.

#### MINISTERIAL INTERIM PAYMENTS

**10.** The Minister in any year may make interim payments to each municipality not exceeding 50

per cent of the total grants to each municipality under the Act in the immediately preceding year. O. Reg. 264/78, s. 10.

**11.—(1)** This Regulation, except section 8, applies to grants in respect of 1980.

(2) Section 8 applies to grants in respect of 1979 and 1980. O. Reg. 515/80, s. 5.

## Schedule 1

COLUMN 1 REFERENCES IN THIS REGULATION			COLUMN 2 LOCATION IN AUDITED FINANCIAL INFORMATION RETURN				
ITEM	SECTION	REFERENCE	SCH- DULE	TITLE	SUB-HEADING	COLUMN	LINE
1	1(1)(b)(i)	Taxable commercial and industrial, and business assessment	2LT	Analysis of Taxation	Own Purposes	2 and 3	General,police villages and farms at re-duced rates, special area rates and police villages
2	1(1)(b)(i)	Commercial, indus-trial, and business mill rates	2LT	Analysis of Taxation	Own Purposes	5	General,police villages and farms at re-duced rates, special area rates and police villages
3	1(1)(b)(ii)	Taxable commercial and industrial, and business assessment	2LT	Analysis of Taxation	Upper-tier Pur-poses	2 and 3	General,Special purposes
4	1(1)(b)(ii)	Commercial, indus-trial, and business mill rates	2LT	Analysis of Taxation	Upper-tier Pur-poses	5	General,Special purposes
5	1(1)(b)(iii)	Taxable commercial and industrial, and business assessment	2LT	Analysis of Taxation	Own Purposes	2 and 3	General,police villages and farms at re-duced rates
6	1(1)(c)(i)	Telephone and tele-graph taxation	2LT	Analysis of Taxation	Own Purposes	12	
7	1(1)(c)(ii)	Telephone and tele-graph taxation	2LT	Analysis of Taxation	Upper-tier Purposes	12	

8	1(1)(c)(iii)	Payments in lieu of taxes	1	Analysis of Revenue Fund Revenues	4	18
9	1(1)(c)(iv)	Upper-tier share of payments in lieu of taxes	1	Analysis of Revenue Fund Revenues	2	18
10	1(1)(f)	Residential and farm taxable assessment	2LT	Analysis of Taxation	1	General, police villages and farms at reduced rates
11	1(1)(p)(i)	Residential and farm, commercial and industrial, and business taxable assessment	2LT	Analysis of Taxation	1, 2 and 3	General, police villages and farms at reduced rates
12	3 (par. 1)	Total requisitions of a region or county	2UT	Analysis of Upper-tier Requisitions and Direct Charges	8	Total
13	3 (par. 2)	Total direct water billings on ratepayers	1	Analysis of Revenue Fund Revenues	4	2
14	3 (par. 3)	Total sewer surcharge on direct water billings on ratepayers	1	Analysis of Revenue Fund Revenues	4	4
15	3 (par. 4)	Prepaid special charges	5	Analysis of Capital Operations	1	24
16	4. (par. 1)	Total own purposes taxation of the municipality	2LT	Analysis of Taxation	12	01320
17	4 (par. 2)	Total direct water billings on ratepayers	1	Analysis of Revenue Fund Revenues	4	2

18	4 (par. 3)	Total direct water billings on ratepayers	12	Unaudited Statistical Data (in the audited financial information return of the municipality providing the water service)	Water	2 and 3	municipality
19	4 (par. 4)	Total sewer surcharges on direct water billings	1	Analysis of Revenue Fund Revenues		4	4
20	4 (par. 5)	Total sewer surcharges on direct water billings on ratepayers	12	Unaudited Statistical Data (in the audited financial information return of the municipality providing the water service)	Sewer	2 and 3	municipality
21	4 (par. 6)	Payments in lieu of taxes	1	Analysis of Revenue Fund Revenues		4	18
22	4 (par. 7)	Prepaid special charges	5	Analysis of Capital Operations		1	24
23	5(2) (par. 2)	Total taxation of the municipality	2LT	Analysis of Taxation	Upper-tier Purposes	12	02320
24	5(2) (par. 3)	Total direct water billings on ratepayers	1	Analysis of Revenue Fund Revenues		2	2
25	5(2) (par. 4)	Total water billings levied directly on ratepayers	2UT	Analysis of Upper-tier Requisitions and Direct Charges		9 and 10	Lower-tier municipality
26	5(2) (par. 5)	Total sewer surcharges on direct water billings	1	Analysis of Revenue Fund Revenues		2	4
27	5(2) (par. 6)	Total sewer service charges levied directly on ratepayers	2UT	Analysis of Upper-tier Requisitions and Direct Charges		11 and 12	Lower-tier municipality

28	5(2) (par. 7)	Upper-tier share of payments in lieu of taxes	1	Analysis of Revenue Fund Revenues	2	18
29	5(2) (par. 8)	Resource equalization grant entitlement allocated to the upper-tier municipality	1	Analysis of Revenue Fund Revenues	2	23
30	5(2) (par. 9)	Ratio of a lower-tier municipality's share of support grants to the total support grants of the upper-tier municipality	2UT	Analysis of Upper-tier Requisitions and Direct Charges	2	Lower-tier Municipality
31	5(4)	Ratio of the taxes levied on commercial assessment for the upper-tier municipality to the total taxes levied on commercial assessment for all purposes other than school purposes	2LT	Analysis of Taxation	7	1 and 5
32	5(5)	Excluded taxes levied on commercial assessment added to the collector's roll under section 43 of The Assessment Act	2L1	Analysis of Taxation	10	1 and 5

## Schedule 2

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
1	Adelaide	Township	21.60	6.43
2	Adjala	Township	9.85	3.67
3	Admaston	Township	27.90	7.98
4	Adolphustown	Township	21.30	7.17
5	Ailsa Craig	Village	84.30	33.61
6	Airy	Township	97.60	26.08
7	Ajax	Town	93.40	38.59
8	Albemarle	Township	140.80	37.19
9	Alberton	Township	34.90	6.07
10	Aldborough	Township	15.20	6.09
11	Alexandria	Town	24.10	10.77
12	Alfred	Township	26.20	8.59
13	Alfred	Village	22.00	8.29
14	Alice and Fraser	Township	22.40	7.30
15	Alliston	Town	34.30	15.58
16	Almonte	Town	20.70	7.83
17	Alnwick	Township	10.80	3.98
18	Alvinston	Village	27.30	7.86
19	Amabel	Township	134.50	40.50
20	Amaranth	Township	95.10	33.67
21	Ameliasburgh	Township	80.40	29.02
22	Amherst Island	Township	16.40	5.29
23	Amherstburg	Town	88.90	49.63
24	Ancaster	Town	18.30	7.06
25	Anderdon	Township	83.10	31.62
26	Anson, Hindon and Minden	Township	8.21	2.40
27	Arkona	Village	24.60	7.25
28	Annour	Township	203.60	63.60
29	Armstrong	Township	31.60	12.85
30	Arnprior	Town	20.40	12.37

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
31	Arran	Township	136.40	32.72
32	Artemesia	Township	158.00	45.18
33	Arthur	Township	19.40	6.49
34	Arthur	Village	95.60	45.96
35	Ashfield	Township	19.20	5.13
36	Asphodel	Township	20.40	6.58
37	Assiginack	Township	220.80	63.33
38	Athens	Village	23.80	8.43
39	Athol	Township	27.60	7.17
40	Atikokan	Township	48.50	17.29
41	Atwood	Township	17.50	5.17
42	Augusta	Township	23.80	9.80
43	Aurora	Town	75.50	34.13
44	Aylmer	Town	24.90	10.84
45	Bagot and Blythfield	Township	16.60	4.92
46	Baldwin	Township	2.50	0.87
47	Balmertown	I.D.	33.30	13.34
48	Bancroft	Village	14.20	5.05
49	Bangor, Wicklow and McClure	Township	8.63	2.50
50	Barclay	Township	27.90	10.12
51	Barrie	City	111.30	49.84
52	Barrie Island	Township	202.80	52.43
53	Barrie	Township	15.40	4.40
54	Barry's Bay	Village	20.50	8.24
55	Bastard and South Burgess	Township	20.60	6.40
56	Bath	Village	24.10	10.55
57	Bathurst	Township	19.30	5.60
58	Bayfield	Village	16.00	4.65
59	Bayham	Township	15.90	7.13
60	Beachburg	Village	22.70	7.12

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
61	Beardmore	Township	54.90	30.25
62	Beckwith	Township	17.40	5.24
63	Bedford	Township	21.10	5.21
64	Beeton	Village	100.10	41.72
65	Belle River	Town	11.70	5.78
66	Belleville	City	55.30	26.86
67	Belmont	Village	19.80	8.28
68	Belmont and Methuen	Township	15.50	5.36
69	Bentinck	Township	123.20	47.97
70	Bexley	Township	6.44	2.31
71	Bicroft	I.D.	38.80	11.40
72	Biddulph	Township	19.90	5.89
73	Billings	Township	185.00	58.46
74	Black River-Matheson	Township	101.10	49.39
75	Blandford-Blenheim	Township	16.80	6.62
76	Blanshard	Township	17.60	4.99
77	Blenheim	Town	90.10	36.56
78	Blind River	Town	151.40	45.08
79	Bloomfield	Village	95.20	32.32
80	Blue	Township	23.00	6.37
81	Blyth	Village	20.70	6.75
82	Bobcaygeon	Village	97.20	37.72
83	Bonfield	Township	96.60	24.45
84	Bosanquet	Township	16.60	5.43
85	Bothwell	Town	28.60	8.92
86	Bracebridge	Town	138.80	52.98
87	Bradford	Town	103.10	42.88
88	Braeside	Village	19.40	10.69
89	Brampton	City	97.30	44.15
90	Brant	Township	134.30	33.49

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
91	Brantford	City	34.00	15.52
92	Brantford	Township	20.30	7.81
93	Brethour	Township	13.20	3.75
94	Brighton	Township	12.50	5.10
95	Brighton	Village	19.50	7.13
96	Brock	Township	34.10	13.59
97	Brockville	City	20.20	9.77
98	Bromley	Township	37.10	7.73
99	Brooke	Township	23.20	6.30
100	Brougham	Township	16.90	4.43
101	Bruce Mines	Town	168.20	49.01
102	Bruce	Township	126.00	33.38
103	Brudenell and Lyndoch	Township	13.50	4.32
104	Brussels	Village	20.60	7.27
105	Burford	Township	18.90	7.15
106	Burk's Falls	Village	182.40	63.31
107	Burleigh and Anstruther	Township	97.40	30.44
108	Burlington	City	27.20	12.83
109	Burpee	Township	177.60	57.26
110	Cache Bay	Town	78.10	32.47
111	Caldwell	Township	9.21	2.00
112	Caledon	Town	87.60	31.55
113	Caledonia	Township	27.30	7.27
114	Calvin	Township	10.10	2.09
115	Cambridge	City	44.10	20.53
116	Cambridge	Township	20.80	5.20
117	Camden East	Township	26.80	8.69
118	Camden	Township	16.10	5.68
119	Cameron	I.D.	18.90	3.93
120	Campbellford	Town	16.50	6.80

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
121	Capreol	Town	37.00	15.19
122	Caradoc	Township	17.00	6.87
123	Carden	Township	12.40	3.56
124	Cardiff	Township	19.20	4.61
125	Cardinal	Village	22.10	11.27
126	Carleton Place	Town	23.40	7.47
127	Carling	Township	203.70	53.79
128	Carlow	Township	11.10	3.92
129	Carnarvon	Township	255.20	57.67
130	Carrick	Township	114.40	31.19
131	Casey	Township	12.40	3.64
132	Casimir, Jennings and Appleby	Township	25.70	12.92
133	Casselman	Village	25.40	6.50
134	Cavan	Township	10.20	5.31
135	Chalk River	Village	22.80	8.52
136	Chamberlain	Township	34.50	15.84
137	Chandos	Township	20.20	4.91
138	Chapleau	Township	110.90	39.21
139	Chapman	Township	214.90	62.30
140	Chapple	Township	28.30	3.87
141	Charlottenburgh	Township	24.50	7.69
142	Charlton	Town	83.60	20.80
143	Chatham	City	28.20	11.96
144	Chatham	Township	14.70	5.23
145	Chatsworth	Village	191.40	50.37
146	Chesley	Town	122.40	42.59
147	Chesterville	Village	25.40	11.10
148	Chisholm	Township	15.40	5.09
149	Christie	Township	204.40	55.99
150	Clarence	Township	25.00	6.21

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
151	Clarendon and Miller	Township	16.90	4.64
152	Clifford	Village	81.00	31.24
153	Clinton	Town	21.20	7.45
154	Cobalt	Town	31.40	12.50
155	Cobden	Village	23.60	8.20
156	Cobourg	Town	25.70	10.39
157	Cochrane	Town	99.00	43.73
158	Cockburn Island	Township	430.00	59.86
159	Colborne	Township	19.40	5.14
160	Colborne	Village	18.20	6.90
161	Colchester North	Township	12.00	4.38
162	Colchester South	Township	12.60	4.42
163	Coldwater	Village	91.10	39.86
164	Coleman	Township	18.30	9.27
165	Collingwood	Town	58.50	31.01
166	Collingwood	Township	204.40	49.49
167	Conmee	Township	43.60	5.00
168	Cookstown	Village	15.60	6.54
169	Cornwall	City	26.50	13.46
170	Cornwall	Township	27.10	10.06
171	Cosby, Mason and Martland	Township	7.39	1.93
172	Cramahe	Township	13.70	5.27
173	Creemore	Village	90.40	38.74
174	Culross	Township	116.40	29.96
175	Cumberland	Township	16.40	6.21
176	Dack	Township	93.40	33.47
177	Dalton	Township	14.50	3.41
178	Darling	Township	18.50	3.80
179	Dawn-	Township	18.70	7.05
180	Day and Bright Additional	Township	175.50	48.29

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
181	Deep River	Town	22.80	11.26
182	Delaware	Township	17.10	5.62
183	Delhi	Township	17.90	7.92
184	Deloro	Village	23.30	7.41
185	Denbigh, Abinger and Ashby	Township	16.90	6.50
186	Derby	Township	135.70	52.26
187	Deseronto	Town	21.10	5.98
188	Dilke	Township	17.60	5.52
189	Dorion	Township	30.70	11.02
190	Douro	Township	18.50	7.12
191	Dover	Township	14.80	4.23
192	Downie	Township	19.80	4.96
193	Drayton	Village	69.30	28.74
194	Dresden	Town	24.50	9.10
195	Drummond	Township	20.70	5.70
196	Dryden	Town	21.40	10.44
197	Dubreuilville	I.D.	98.10	39.55
198	Dunbar	Township	19.30	7.11
199	Dundalk	Village	152.10	53.22
200	Dundas	Town	18.10	9.47
201	Dungannon	Township	13.40	4.07
202	Dunnville	Town	21.20	9.08
203	Dunwich	Township	23.50	5.55
204	Durham	Town	133.60	50.19
205	Dutton	Village	22.50	9.03
206	Dymond	Township	23.60	12.38
207	Dysart et al	Township	9.22	2.18
208	Ear-Falls	Township	33.00	16.50
209	East Ferris	Township	106.30	36.34
210	East Garafraxa	Township	93.30	37.09

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
211	East Gwillimbury	Town	68.90	27.05
212	East Hawkesbury	Township	25.70	7.01
213	East Luther	Township	15.20	5.23
214	East Wawanosh	Township	23.20	5.91
215	East Williams	Township	18.10	5.80
216	East York	Borough	24.60	13.20
217	East Zorra-Tavistock	Township	19.50	6.21
218	Eastnor	Township	135.40	38.79
219	Edwardsburgh	Township	22.10	8.02
220	Eganville	Village	22.00	7.42
221	Egremont	Township	137.60	38.51
222	Eilber and Devitt	Township	100.00	57.46
223	Ekfrid	Township	19.30	4.77
224	Elderslie	Township	116.10	30.60
225	Eldon	Township	13.20	4.18
226	Elizabethtown	Township	24.80	8.35
227	Ellice	Township	23.10	5.13
228	Elliot Lake	Town	135.60	36.89
229	Elma	Township	20.80	6.16
230	Elmvale	Village	82.50	33.40
231	Elora	Village	74.00	33.33
232	Elzevir and Grimsthorpe	Township	14.30	3.19
233	Emily	Township	14.80	5.76
234	Emo	Township	15.60	3.53
235	Englehart	Town	91.60	35.64
236	Enniskillen	Township	17.00	5.08
237	Ennismore	Township	98.00	38.52
238	Eramosa	Township	12.60	4.68
239	Erie Beach	Village	79.10	27.31
240	Erieau	Village	18.10	5.80

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
241	Erin	Township	9.72	4.34
242	Erin	Village	76.90	34.41
243	Ernestown	Township	24.80	11.18
244	Espanola	Town	21.90	12.80
245	Essa	Township	16.70	6.35
246	Essex	Town	16.20	6.51
247	Etobicoke	Borough	24.60	13.20
248	Euphemia	Township	21.50	6.46
249	Euphrasia	Township	162.80	45.05
250	Evanturel	Township	32.90	11.79
251	Exeter	Town	19.90	7.95
252	Faraday	Township	8.71	3.75
253	Fauquier	Township	114.60	43.64
254	Fenelon Falls	Village	15.60	5.62
255	Fenelon	Township	13.90	5.04
256	Fergus	Town	95.70	45.62
257	Field	Township	95.00	24.50
258	Finch	Township	32.40	7.06
259	Finch	Village	36.80	9.65
260	Flamborough	Township	18.30	7.25
261	Flesherton	Village	155.60	57.21
262	Flos	Township	17.00	6.39
263	Foley	Township	136.00	49.65
264	Forest	Town	33.80	10.13
265	Fort Erie	Town	27.20	12.92
266	Fort Frances	Town	30.50	14.03
267	Frankford	Village	15.90	6.39
268	Front of Escott	Township	22.10	5.97
269	Front of Leeds and Landsdowne	Township	18.10	6.13
270	Front of Yonge	Township	23.50	7.94

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
271	Fullarton	Township	23.70	5.16
272	Galway and Cavendish	Township	11.70	4.06
273	Gananoque	Sep. Town	19.60	10.70
274	Gauthier	I.D.	88.40	21.48
275	Georgian Bay	Township	139.00	43.80
276	Georgina	Township	67.20	27.25
277	Geraldton	Town	36.20	8.55
278	Gillies	Township	41.60	4.94
279	Glackmeyer	Township	102.30	30.89
280	Glamorgan	Township	3.22	0.92
281	Glanbrook	Township	19.50	7.40
282	Glencoe	Village	101.30	38.02
283	Glenelg	Township	152.00	41.81
284	Gloucester	Township	18.50	6.73
285	Goderich	Town	18.00	8.29
286	Goderich	Township	21.90	4.75
287	Gordon	Township	158.20	52.94
288	Gore Bay	Town	137.90	63.65
289	Gosfield North	Township	12.90	5.06
290	Gosfield South	Township	13.00	5.02
291	Goulbourn	Township	14.80	5.78
292	Grand Bend	Village	17.70	7.55
293	Grand Valley	Village	74.00	32.58
294	Grattan	Township	22.20	6.93
295	Gravenhurst	Town	144.90	50.99
296	Greenock	Township	119.30	31.29
297	Grey	Township	24.40	5.32
298	Griffith and Matawatchan	Township	20.00	4.97
299	Grimsby	Town	21.3	9.30
300	Guelph	City	69.20	35.50

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
301	Guelph	Township	12.50	5.05
302	Hagar	Township	18.90	3.80
303	Hagarty and Richards	Township	19.60	5.12
304	Hagerman	Township	186.20	54.35
305	Haileybury	Town	94.60	35.98
306	Haldimand	Town	40.80	17.09
307	Haldimand	Township	11.60	4.90
308	Hallowell	Township	23.90	9.16
309	Halton Hills	Town	25.60	10.03
310	Hamilton	City	27.50	14.31
311	Hamilton	Township	12.80	5.17
312	Hanover	Town	115.20	52.84
313	Harley	Township	17.30	2.95
314	Harris	Township	18.20	7.80
315	Harriston	Town	28.40	9.97
316	Harrow	Town	13.70	6.12
317	Harvey	Township	12.20	4.73
318	Harwich	Township	16.80	5.26
319	Hastings	Village	19.20	6.15
320	Havelock	Village	31.50	9.37
321	Hawkesbury	Town	23.80	9.65
322	Hay	Township	17.20	4.73
323	Head, Clara and Maria	Township	22.40	7.44
324	Hearst	Town	102.10	41.65
325	Hensall	Village	23.90	9.34
326	Hepworth	Village	138.40	43.43
327	Herschel	Township	6.29	3.00
328	Hibbert	Township	24.90	5.44
329	Highgate	Village	22.10	7.56
330	Hilliard	Township	21.50	5.80

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
331	Hillier	Township	25.20	7.31
332	Hilton Beach	Village	176.20	49.11
333	Hilton	Township	225.40	45.28
334	Hinchinbrooke	Township	18.10	5.20
335	Holland	Township	139.90	45.49
336	Hope	Township	10.20	5.35
337	Horton	Township	18.40	6.14
338	Howard	Township	17.40	4.25
339	Howe Island	Township	19.30	5.64
340	Hewick	Township	24.60	5.75
341	Howland	Township	181.10	59.85
342	Hudson	Township	22.70	5.45
343	Hullett	Township	25.20	4.90
344	Humphrey	Township	126.07	49.55
345	Hungerford	Township	12.00	4.92
346	Huntingdon	Township	19.30	4.75
347	Huntsville	Town	149.70	54.09
348	Huron	Township	144.60	35.75
349	Ignace	Township	33.90	9.00
350	Ingersoll	Town	23.30	10.79
351	Innisfil	Township	13.50	5.38
352	Iron Bridge	Village	166.60	49.10
353	Iroquois Falls	Town	100.90	57.62
354	Iroquois	Village	27.40	13.56
355	Jaffray and Melick	Township	20.80	7.26
356	James	Township	94.70	30.46
357	Jocelyn	Township	190.40	41.64
358	Johnson	Township	255.70	45.38
359	Joly	Township	442.50	63.33
360	Kaladar, Anglesea and Effingham	Township	25.00	7.60

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
361	Kanata	City	14.10	4.65
362	Kapuskasing	Town	93.70	60.66
363	Kearney	Town	469.61	62.62
364	Keewatin	Town	31.80	9.51
365	Kemptville	Town	19.10	8.26
366	Kennebec	Township	20.60	5.51
367	Kenora	Town	89.30	42.56
368	Kenyon	Township	32.00	7.90
369	Keppel	Township	176.20	49.21
370	Kerns	Township	29.70	13.05
371	Killaloe Station	Village	23.20	8.04
372	Kincardine	Town	152.10	48.07
373	Kincardine	Township	162.30	38.58
374	King	Township	64.00	28.19
375	Kingsford	I.D.	11.90	1.61
376	Kingston	City	25.30	12.18
377	Kingston	Township	19.90	9.67
378	Kingsville	Town	91.00	40.17
379	Kinloss	Township	147.50	29.53
380	Kirkland Lake	Town	25.30	10.27
381	Kitchener	City	28.80	14.07
382	Kitley	Township	29.70	7.90
383	L'Orignal	Village	21.50	6.83
384	La Vallée	Township	14.00	1.88
385	Laird	Township	137.00	37.00
386	Lake of Bays	Township	125.10	47.52
387	Lakefield	Village	20.50	8.68
388	Lanark	Township	22.20	5.83
389	Lanark	Village	26.00	8.30
390	Lancaster	Township	28.40	7.98

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
391	Lancaster	Village	33.20	9.22
392	Larder Lake	Township	98.30	23.95
393	Latchford	Town	94.30	41.65
394	Lavant, Dalhousie and North Sherbrooke	Township	21.10	5.33
395	Laxton, Digby and Longford	Township	7.13	2.05
396	Leamington	Town	97.00	46.90
397	Limerick	Township	8.49	2.43
398	Lincoln	Town	18.60	8.23
399	Lindsay	Town	24.90	9.61
400	Lindsay	Township	196.10	38.43
401	Lion's Head	Village	124.70	46.29
402	Listowel	Town	20.40	9.03
403	Little Current	Town	142.10	65.41
404	Lobo	Township	17.10	6.21
405	Lochiel	Township	30.50	7.79
406	Logan	Township	22.70	4.90
407	London	City	30.30	14.12
408	London	Township	19.70	6.01
409	Longlac	Township	28.30	10.24
410	Longueuil	Township	22.80	8.79
411	Loughborough	Township	16.60	6.57
412	Lucan	Village	80.00	31.23
413	Lucknow	Village	111.40	44.68
414	Lutterworth	Township	2.96	0.92
415	MacDonald, Meredith and Aberdeen Additional	Township	216.70	47.30
416	Machar	Township	201.90	64.08
417	Machin	Township	14.90	6.29
418	Madoc	Township	15.80	4.65
419	Madoc	Village	99.30	41.29
420	Magnetawan	Village	276.00	62.73

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
421	Maidstone	Township	13.50	6.33
422	Malahide	Township	18.20	6.65
423	Malden	Township	82.60	32.70
424	Manitouwadge	Township	126.50	54.57
425	Manvers	Township	11.00	4.51
426	Mara	Township	14.20	6.25
427	Marathon	Township	95.80	55.36
428	Mariposa	Township	17.40	4.76
429	Markdale	Village	156.50	56.46
430	Markham	Town	77.20	33.69
431	Marmora	Village	19.90	7.30
432	Marmora and lake	Township	11.50	3.85
433	Maryborough	Township	22.40	5.68
434	Massey	Town	48.60	11.46
435	Matachewan	I.D.	34.00	8.71
436	Matchedash	Township	9.62	4.37
437	Matilda	Township	26.20	8.59
438	Mattawa	Town	90.20	29.93
439	Mattawan	Township	10.30	2.31
440	Maxville	Village	30.70	8.82
441	Mayo	Township	17.80	3.16
442	McCrosson and Tovell	Township	82.30	18.73
443	McDougall	Township	168.50	57.73
444	McGarry	Township	96.90	44.16
445	McGillivray	Township	19.10	4.67
446	McKellar	Township	196.20	54.17
447	McKillop	Township	24.10	4.27
448	McMurrich	Township	296.30	60.83
449	McNab	Township	18.70	6.17
450	Meaford	Town	126.00	50.18

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
451	Medonte	Township	14.90	4.92
452	Melancthon	Township	14.00	4.94
453	Merrickville	Village	35.00	8.17
454	Mersea	Township	13.00	4.94
455	Metcalfe	Township	17.70	5.25
456	Michipicoten	Township	98.10	37.35
457	Midland	Town	30.70	15.68
458	Mildmay	Village	99.90	40.95
459	Millbrook	Village	16.20	5.99
460	Milton	Town	22.20	9.04
461	Milverton	Village	25.20	8.23
462	Minto	Township	26.40	6.56
463	Mississauga	City	96.30	45.91
464	Mitchell	Town	27.90	8.35
465	Monmouth	Township	3.94	1.23
466	Mono	Township	9.83	4.61
467	Montague	Township	19.80	6.06
468	Monteagle	Township	6.20	3.09
469	Moore	Township	22.70	9.48
470	Moosonee	Dev. Area Bd.	100.00	36.84
471	Morley	Township	31.30	5.07
472	Mornington	Township	19.50	5.38
473	Morris	Township	27.60	5.30
474	Morrisburg	Village	21.20	8.69
475	Morson	Township	61.80	24.98
476	Mosa	Township	16.50	4.90
477	Mount Forest	Town	19.70	8.59
478	Mountain	Township	26.40	6.53
479	Mulmur	Township	11.70	4.38
480	Murray	Township	14.70	5.73

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
481	Muskoka Lakes	Township	126.30	45.66
482	Nairn	Township	32.10	12.36
483	Nakina	Township	44.70	9.20
484	Nanticoke	City	17.60	8.02
485	Napanee	Town	26.90	12.00
486	Needing	Township	28.50	4.47
487	Nepean	City	14.30	6.14
488	Neustadt	Village	119.30	53.67
490	Newboro'	Village	36.50	8.24
489	New Liskeard	Town	23.30	12.31
491	Newburgh	Village	23.70	9.46
492	Newbury	Village	21.30	7.49
493	Newcastle	Town	12.40	4.31
494	Newmarket	Town	72.40	33.21
495	Niagara Falls	City	26.20	12.70
496	Niagara-on-the-Lake	Town	17.10	6.56
497	Nichol	Township	15.10	5.74
498	Nickel Centre	Town	31.90	13.44
499	Nipigon	Township	21.30	8.57
500	Nipissing	Township	162.40	63.74
501	Norfolk	Township	16.30	7.48
502	Normanby	Township	121.00	39.18
503	North Algona	Township	12.70	5.60
504	North Bay	City	23.00	11.37
505	North Burgess	Township	18.50	4.06
506	North Crosby	Township	17.60	4.09
507	North Dorchester	Township	17.80	5.80
508	North Dumfries	Township	27.50	9.64
509	North Easthope	Township	17.00	4.95
510	North Elmsley	Township	16.00	5.77

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
511	North Fredericksburgh	Township	23.50	8.81
512	North Himsworth	Township	236.00	59.29
513	North Marysburgh	Township	23.90	7.08
514	North Monaghan	Township	9.79	4.18
515	North Plantagenet	Township	25.00	6.76
516	North Shore	Township	126.10	43.12
517	North York	City	24.60	13.20
518	Norwich	Township	18.30	6.52
519	Norwood	Village	24.30	8.70
520	Nottawasaga	Township	12.10	5.31
521	O'Connor	Township	30.30	4.86
522	Oakland	Township	21.40	6.99
523	Oakville	Town	27.90	12.40
524	Oil Springs	Village	81.20	31.93
525	Olden	Township	19.60	5.08
526	Oliver	Township	23.40	4.96
527	Onemee	Village	23.90	7.47
528	Onaping Falls	Town	46.00	20.14
529	Onondaga	Township	16.80	6.27
530	Opasatika	I.D.	100.00	73.55
531	Ops	Township	14.20	5.62
532	Orangeville	Town	13.20	7.14
533	Orford	Township	18.70	5.22
534	Orillia	City	26.60	11.59
535	Orillia	Township	14.60	6.80
536	Oro	Township	12.30	5.43
537	Osgoode	Township	15.40	4.98
538	Oshawa	City	42.40	20.19
539	Osnabruck	Township	30.30	9.91
540	Oso	Township	21.30	6.08

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
541	Osprey	Township	138.10	39.29
542	Otonabee	Township	20.10	7.04
543	Ottawa	City	31.40	14.99
544	Owen Sound	City	68.30	30.50
545	Owens, Williamson and Idington	Township	100.00	58.40
546	Oxford (on Rideau)	Township	21.70	6.65
547	Paipooonge	Township	23.30	6.94
548	Paisley	Village	160.00	43.29
549	Pakenham	Township	30.00	5.85
550	Palmerston	Town	26.70	9.62
551	Palmerston and North and South Canonto	Township	15.50	4.81
552	Papineau	Township	18.70	4.08
553	Paris	Town	24.30	9.71
554	Parkhill	Town	88.90	34.05
555	Parry Sound	Town	146.79	57.92
556	Peel	Township	16.30	5.02
557	Pelee	Township	19.80	8.95
558	Pelham	Town	20.30	9.15
559	Pembroke	City	25.50	12.21
560	Pembroke	Township	20.20	8.30
561	Penetanguishene	Town	25.50	10.05
562	Percy	Township	12.60	4.88
563	Perry	Township	245.90	62.14
564	Perth	Town	22.30	9.77
565	Petawawa	Township	18.70	7.43
566	Petawawa	Village	22.40	8.96
567	Peterborough	City	25.20	13.47
568	Petrolia	Town	100.90	32.58
569	Pickering	Town	81.20	36.80
570	Pickle Lake	I.D.	132.70	47.15

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
571	Picton	Town	101.50	40.20
572	Pilkington	Township	12.90	5.35
573	Pittsburgh	Township	18.70	7.66
574	Plantagenet	Village	99.90	35.79
575	Plummer Additional	Township	124.70	41.84
576	Plympton	Township	16.20	4.88
577	Point Edward	Village	21.40	11.75
578	Port Burwell	Village	18.90	9.20
579	Port Colborne	City	27.90	13.44
580	Port Elgin	Town	135.10	43.88
581	Port Hope	Town	17.70	8.70
582	Port McNicoll	Village	93.20	43.85
583	Port Stanley	Village	20.30	8.70
584	Portland	Township	17.20	7.05
585	Powassan	Town	188.10	55.93
586	Prescott	Sep. Town	25.90	12.07
587	Prince	Township	92.00	30.45
588	Proton	Township	140.20	39.32
589	Puslinch	Township	12.00	4.36
590	Radcliffe	Township	10.90	4.28
591	Raglan	Township	19.40	4.62
592	Rainy River	Town	31.40	8.42
593	Raleigh	Township	16.50	5.37
594	Rama	Township	13.70	6.10
595	Ramsay	Township	18.30	6.24
596	Ratter and Dunnet	Township	13.00	3.02
597	Rawdon	Township	18.60	5.60
598	Rayside-Balfour	Town	21.60	9.35
599	Rear of Leeds and Lansdowne	Township	23.40	5.88
600	Rear of Yonge and Escott	Township	19.10	6.01

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
601	Red Lake	Township	28.70	9.67
602	Red Rock	I.D.	97.40	56.08
603	Renfrew	Town	26.20	11.43
604	Richmond Hill	Town	74.80	31.09
605	Richmond	Township	25.70	9.35
606	Rideau	Township	15.90	5.26
607	Ridgetown	Town	101.40	36.52
608	Ripley	Village	140.00	41.00
609	Rochester	Township	11.60	4.30
610	Rockcliffe Park	Village	19.30	7.83
611	Rockland	Town	22.30	6.58
612	Rodney	Village	21.80	9.59
613	Rolph, Buchanan, Wylie and McKay	Township	17.60	6.92
614	Romney	Township	15.70	5.76
615	Ross	Township	20.00	9.80
616	Rosseau	Village	146.50	52.00
617	Roxborough	Township	33.20	7.59
618	Russell	Township	25.80	5.86
619	Rutherford and George Island	Township	138.60	57.42
620	Ryerson	Township	268.00	62.03
621	Sandfield	Township	221.20	60.99
622	Sandwich South	Township	10.30	4.85
623	Sandwich West	Township	10.10	4.90
624	Sarawak	Township	171.50	52.71
625	Sarnia	City	42.10	21.35
626	Sarnia	Township	13.60	5.22
627	Saugeen	Township	142.00	36.17
628	Sault Ste. Marie	City	50.30	20.85
629	Scarborough	Borough	24.60	13.20
630	Schreiber	Township	40.80	9.69

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
631	Scugog	Township	14.60	5.89
632	Seaforth	Town	23.90	7.60
633	Sebastopol	Township	8.39	4.31
634	Seymour	Township	11.00	4.96
635	Shackleton and Machin	Township	113.00	62.05
636	Shallow Lake	Village	197.80	54.04
637	Sheffield	Township	24.50	7.42
638	Shelburne	Town	77.80	35.16
639	Sherborne, McClintock and Livingstone	Township	6.84	1.98
640	Sherwood, Jones and Burns	Township	14.30	4.99
641	Shuniah	Township	27.70	6.17
642	Sidney	Township	14.80	5.68
643	Simcoe	Town	18.60	10.11
644	Sioux Lookout	Town	26.60	9.70
645	Sioux Narrows	I.D.	18.20	5.53
646	Smith	Township	18.50	7.36
647	Smiths Falls	Sep. Town	31.10	14.89
648	Smooth Rock Falls	Town	100.70	60.02
649	Snowdon	Township	3.11	0.68
650	Sombra	Township	17.20	8.21
651	Somerville	Township	6.44	2.12
652	Sophiasburgh	Township	90.00	34.57
653	South Algona	Township	17.90	4.59
654	South Crosby	Township	22.90	5.66
655	South Dorchester	Township	17.50	5.26
656	South Dumfries	Township	18.80	5.95
657	South Easthope	Township	19.40	5.74
658	South Elmsley	Township	16.50	5.48
659	South Fredericksburgh	Township	22.20	8.08
660	South Gower	Township	17.20	5.67

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ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
661	South Himsworth	Township	207.40	65.19
662	South Marysburgh	Township	23.20	6.56
663	South Monaghan	Township	13.80	4.55
664	South Plantagenet	Township	22.70	7.76
665	South River	Village	185.20	61.00
666	South Sherbrooke	Township	17.90	4.92
667	South-West Oxford	Township	18.90	6.17
668	Southampton	Town	133.60	42.53
669	Southwold	Township	19.10	8.81
670	Springer	Township	21.90	7.42
671	Springfield	Village	21.90	7.23
672	St. Catharines	City	22.80	11.08
673	St. Clair Beach	Village	12.50	5.64
674	St. Edmunds	Township	179.90	43.73
675	St. Isidore de Prescott	Village	21.40	7.88
676	St. Joseph	Township	165.10	45.36
677	St. Marys	Sep. Town	95.10	42.79
678	St. Thomas	City	26.70	12.84
679	St. Vincent	Township	135.30	46.55
680	Stafford	Township	23.50	7.98
681	Stanhope	Township	5.02	1.45
682	Stanley	Township	19.50	4.80
683	Stayner	Town	106.30	47.54
684	Stephen	Township	21.00	5.07
685	Stirling	Village	101.00	39.26
686	Stoney Creek	Town	33.10	16.96
687	Storrington	Township	18.70	6.55
688	Stratford	City	19.90	8.53
689	Strathroy	Town	22.60	10.15
690	Strong	Township	197.30	63.94

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
691	Sturgeon Falls	Town	97.90	55.14
692	Sturgeon Point	Village	13.80	5.00
693	Sudbury	City	77.60	41.57
694	Sullivan	Township	144.30	39.11
695	Sundridge	Village	156.30	61.50
696	Sunnidale	Township	115.70	42.03
697	Sydenham	Township	140.70	44.57
698	Tara	Village	122.30	46.15
699	Tarbutt and Tarbutt Additional	Township	146.60	42.39
700	Tay	Township	17.70	6.88
701	Tecumseh	Town	12.70	5.24
702	Tecumseth	Township	14.00	4.84
703	Teeswater	Village	123.70	46.38
704	Tehkumamah	Township	254.10	52.93
705	Temagami	Township	96.60	50.96
706	Terrace Bay	Township	88.90	47.38
707	Thamesville	Village	93.10	34.92
708	The Archipelago	Township	336.46	48.87
709	The Spanish River	Township	36.30	7.95
710	Thedford	Village	30.30	9.28
711	Thessalon	Town	145.80	45.54
712	Thessalon	Township	138.40	43.73
713	Thompson	Township	231.60	41.35
714	Thornbury	Town	130.40	52.13
715	Thornloe	Village	92.60	34.07
716	Thorold	City	21.60	13.16
717	Thunder Bay	City	25.50	8.99
718	Thurlow	Township	15.40	6.20
719	Tilbury East	Township	14.30	5.18
720	Tilbury North	Township	11.40	4.76

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
721	Tilbury	Town	90.50	37.61
722	Tilbury West	Township	21.10	5.10
723	Tillsonburg	Town	21.50	11.11
724	Timmins	City	38.50	14.90
725	Tiny	Township	17.30	5.86
726	Tiverton	Village	182.60	47.03
727	Toronto	City	24.60	13.20
728	Tosorontio	Township	104.00	39.85
729	Tottenham	Village	82.90	39.25
730	Trenton	Sep. Town	23.40	10.68
731	Trout Creek	Town	191.50	59.92
732	Tuckersmith	Township	23.10	5.47
733	Tudor and Cashel	Township	8.46	2.63
734	Turnberry	Township	24.50	6.28
735	Tweed	Village	21.90	6.70
736	Tyendinaga	Township	20.90	6.78
737	Usborne	Township	23.90	5.02
738	Uxbridge	Township	14.80	5.35
739	Valley East	Town	18.70	8.15
740	Vanier	City	29.50	14.81
741	Vankleek Hill	Town	94.60	35.74
742	Vaughan	Town	77.10	32.73
743	Verulam	Township	13.80	4.72
744	Vespra	Township	11.40	6.30
745	Victoria Harbour	Village	100.60	36.10
746	Vienna	Village	29.60	8.01
747	Wainfleet	Township	24.70	9.10
748	Walden	Town	29.40	13.15
749	Walkerton	Town	105.00	48.73
750	Wallace	Township	23.30	6.41

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
751	Wallaceburg	Town	26.30	12.13
752	Wardsville	Village	23.60	8.66
753	Warwick	Township	16.60	5.63
754	Wasaga Beach	Town	169.80	63.41
755	Waterloo	City	26.30	12.58
756	Watford	Village	22.60	9.58
757	Webbwood	Town	19.90	7.07
758	Welland	City	24.40	14.01
759	Wellesley	Township	24.60	7.54
760	Wellington	Village	28.20	9.96
761	West Carleton	Township	295.80	75.55
762	West Garafraxa	Township	13.60	5.13
763	West Gwillimbury	Township	11.50	4.62
764	West Hawkesbury	Township	19.80	7.43
765	West Lincoln	Township	18.90	7.98
766	West Lorne	Village	22.50	9.32
767	West Luther	Township	18.80	5.94
768	West Nissouri	Township	18.60	5.75
769	West Wawanosh	Township	30.10	5.78
770	West Williams	Township	26.50	4.91
771	Westmeath	Township	28.60	7.29
772	Westminster	Township	20.30	7.52
773	Westport	Village	22.50	7.48
774	Wheatley	Village	85.60	34.30
775	Whitby	Town	20.20	9.21
776	Whitchurch-Stouffville	Town	67.40	29.22
777	White River	Township	24.80	9.28
778	Warton	Town	111.30	42.93
779	Wicksteed	Township	246.70	73.81
780	Wilberforce	Township	18.10	6.52

ITEM	MUNICIPALITY	STATUS	COLUMN A	COLUMN B
781	Williamsburgh	Township	27.70	9.76
782	Wilmot	Township	34.70	13.65
783	Winchester	Township	25.20	7.21
784	Winchester	Village	23.90	8.07
785	Windsor	City	43.30	26.73
786	Wingham	Town	19.20	7.78
787	Wolfe Island	Township	22.60	6.90
788	Wolford	Township	29.90	7.11
789	Wollaston	Township	7.90	2.90
790	Woodstock	City	23.30	11.14
791	Woodville	Village	93.20	34.89
792	Woolwich	Township	40.60	16.24
793	Worthington	Township	26.80	8.16
794	Wyoming	Village	84.90	33.27
795	Yarmouth	Township	18.10	6.72
796	York	Borough	24.60	13.20
797	Zone	Township	15.00	4.85
798	Zorra	Township	19.10	6.28
799	Zurich	Village	17.60	6.13

O. Reg. 515/80, s. 6, *part.*

## Schedule 3

ITEM	MINING MUNICIPALITY	STATUS	FORMULA MINING REVENUE PAYMENT
1	Manitouwadge	Township	\$350,000

O. Reg. 515/80, s. 6, *part.*; O. Reg. 1011/80, s. 3.



## REGULATION 735

under the Ontario Universities Capital Aid Corporation Act

1. The universities listed in the Schedule are designated as universities to which the Act applies. R.R.O. 1970, Reg. 643, s. 1.

### Schedule

- |                                     |   |
|-------------------------------------|---|
| 1. Brock University                 | 7. University of Ottawa   |
| 2. Carleton University              | 8. Queen's University at Kingston   |
| 3. University of Guelph             | 9. University of Toronto  |
| 4. Lakehead University              | 10. Trent University  |
| 5. Laurentian University of Sudbury | 11. The University of Waterloo  |
| 6. McMaster University              | 12. The University of Western Ontario   |
|                                     | 13. University of Windsor   |
|                                     | 14. York University   |
|                                     | 15. Wilfrid Laurier University. R.R.O. 1970,<br>Reg. 643, Sched.; O. Reg. 5/75, s. 1. |



## REGULATION 736

under the Ontario Water Resources Act

### PLUMBING CODE

#### INTERPRETATION

1.—(1) In this Regulation,

1. “air break” means the unobstructed vertical distance between the lowest point of an indirect drainage system and the flood level rim of the fixture into which it discharges;

2. “air gap”, when used with reference to a supply system, means the unobstructed vertical distance through the free atmosphere between,

i. the lowest opening from any pipe or faucet supplying water to a tank or fixture, and

ii. the flood level rim of the tank or fixture;

3. “accessible” means approachable by person or tools as required, without undue hindrance or impediment, and where all obstacles may be removed and replaced without the cutting or breaking and subsequent patching or replacing of the materials;

4. “appliance” means a receptacle or equipment that receives or collects water, liquids or sewage and discharges water, liquids or sewage directly into an indirect waste pipe or a fixture;

5. “area drain” means a drain installed to collect surface water from an open area;

6. “back flow” means such flow of,

i. water from any place, or

ii. any solid, liquid or gaseous substance or any combination thereof,

into a distributing pipe for potable water as may make the water in that pipe non-potable;

7. “backflow preventer” means a device used in a water supply pipe which,

i. incorporates two or more check valves to prohibit the reverse flow of the water, irrespective of pressure differentials, where the maxi-

mum working pressure is not exceeded, and

ii. contains integral safeguards to make it fail-safe in the event of a malfunction of one or more of the check valves;

8. “back vent” means a pipe installed to vent a trap or waste pipe and connected to the vent system at a point above the fixture served by the trap or waste pipe; and “back vented” has a corresponding meaning;

9. “backwater valve” means a valve installed in a building drain or building sewer to prevent sewage from flowing back into the building;

10. “bar sink” means a receptacle for the disposal of liquid wastes only;

11. “black steel” means steel that is not coated with any metallic substance;

12. “black wrought iron” means wrought iron that is not coated with any metallic substance;

13. “branch vent” means a vent pipe connecting one or more individual vent pipes to a vent stack or a stack vent;

14. “building drain” means the horizontal piping of drainage piping in or adjacent to a building or other structure that receives the discharge from drainage piping and conveys it to the building sewer, and includes offsets;

15. “building sewer” means that part of drainage piping outside a building or other structure, that connects a building drain to the main sewer or, where the place of disposal of the sewage is on the property, to the place of disposal on the property and that commences at a point three feet from the outer face of the wall of the building or other structure and terminates at the property line or place of disposal on the property;

16. “building storm drain” means the horizontal piping of storm drainage piping in or adjacent to a building that receives the discharge from storm drainage piping and conveys it to the building storm sewer, and includes offsets;

17. "building storm sewer" means that part of storm drainage piping outside a building or other structure that connects the building storm drain to the main storm sewer or, where the place of disposal is on the property, to the place of disposal on the property, and that commences at a point three feet from the outer face of the wall of the building or other structure and terminates at the property line or place of disposal on the property;
18. "building trap" means a running hand hole trap installed in a building drain to prevent circulation of air between the building drain and the building sewer;
19. "circuit vent" means a vent that functions for two or more traps and extends to a vent stack from a point on a horizontal branch in front of the last connected fixture; and "circuit vented" has a corresponding meaning;
20. "clean-out" means a device that has a removable cap or plug securely attached to it and is so constructed that it can be installed in a pipe so that the cap or plug can be removed to permit pipe cleaning apparatus to be inserted into the pipe;
21. "cocktail mixing unit" means a combination food holding tray and sink forming part of the bar facilities where alcoholic beverages are dispensed;
22. "continuous waste and vent" means a vent pipe that is a vertical extension of a vertical waste pipe and includes the vertical waste pipe;
23. "copper tube" means copper tube or tubing having the dimensions and characteristics set out in Table 9;
24. "dead end" means a branch leading from drainage piping or a vent pipe that ends in a cap, plug or other closed fitting;
25. "developed length", when used with reference to a pipe, means its length along the centre line of the pipe;
26. "distributing pipe" means a pipe to convey water from a service pipe to a fixture or to an outlet and includes the control valves and fittings connected in it, but does not include a meter or control valve or other device owned and controlled by the supplier of the water;
27. "drainage piping" means all the connected piping that conveys sewage to a place of disposal, including the building drain, building sewer, soil pipe, soil stack, waste stack and waste pipe but does not include,
  - i. a main sewer, and
  - ii. piping used for sewage in a sewage plant,and "drainage pipe" means any pipe in drainage piping;
28. "dry vent" means a vent pipe that is not a wet vent;
29. "dual vent" means a vent pipe connecting at a junction of waste pipes serving two fixtures and serving as a common vent pipe for both fixtures;
30. "effective opening" means the cross-sectional area of a faucet, fitting or pipe at the point of discharge;
31. "factory built housing" means housing that is partly or totally built in a factory and then transported in sections or as a complete unit to a site where it is erected or stationed and provided with the necessary services to make it a habitable unit that, when occupied, is void of transport features such as wheels, tires, axles, brakes or lamps;
32. "faucet" means a water tap;
33. "first" when used with reference to the connection of a fixture to a horizontal branch, means nearest to the waste stack or soil stack;
34. "fixture" means a receptacle or equipment that receives water, liquids or sewage and discharges water, liquids or sewage directly into drainage piping;
35. "fixture trap" means a trap integral with or serving a fixture and includes an interceptor serving as a trap for a fixture;
36. "fixture unit" means the unit in which the hydraulic load produced by fixtures is expressed and determined under section 80;
37. "flood level" means the level at which water begins to overflow the top or rim of a fixture;
38. "flood level rim" means the top edge of a receptacle from which water overflows;
39. "floor drain" means a drain to receive water from a floor of a building and in its simplest form shall consist of a strainer or grate set flush with the upper surface of a floor so that water passing down through the strainer or grate enters a connected drainage pipe and without limiting the generality of the foregoing shall include, when located between the strainer and the connected pipe or nipple, any ancillary part such as a floor drain body, water stop, trap, back-water valve or primer connection;

40. "flush valve" means a valve for flushing a sanitary unit;
41. "foundation drain" means a drain installed below the surface of the ground to collect and convey water from the foundation of a building or other structure;
42. "gang trapped" means that the waste piping from a group of two or more fixtures or other drainage openings is so arranged that all the fixtures or other drainage openings drain to a common trap, but the term shall not apply when the trap is a secondary trap such as a building trap or the trap of a fixture that receives waste from one or more indirect waste pipes;
43. "graded", when used with reference to a pipe, means its slope with reference to the true horizontal;
44. "header" means a pipe installed to provide an interconnection between two or more pipes all of which perform a similar or identical function;
45. "horizontal" means not departing from the true horizontal plane by more than 45°;
46. "horizontal branch" means that part of a waste pipe that is horizontal and installed to convey the discharge from more than one fixture;
47. "indirect waste" means waste that is not discharged directly into drainage piping;
48. "indirect waste pipe" means a waste pipe that does not connect directly with drainage piping, but discharges into it through a trapped fixture;
49. "in front of", when used with reference to the point of connection of a fixture to a horizontal branch, means in the direction of discharge;
50. "inspector" means a person appointed or authorized by a municipality to carry out the inspections prescribed by this Regulation;
51. "interceptor" means a receptacle to prevent oil, grease, sand or other materials from passing into drainage piping;
52. "last", when used with reference to the point of connection of a fixture to a horizontal branch, means farthest from the waste stack, soil stack or building drain to which the horizontal branch is connected;
53. "loop vent" means a branch vent that functions for two or more traps and loops back or extends to a stack vent from a point in front of the last connection of a fixture to a horizontal branch; and "loop vented" has a corresponding meaning;
54. "main sewer" means the public sewer including its branches;
55. "mobile home" means a structure that is permanently equipped with the necessary axles, wheels, tires, brakes and lamps or reflectors to permit it to be moved about on a highway and is used, or is intended to be used, as a year-round shelter or dwelling place for persons when it is furnished and connected to appropriate sewer, water and electrical services;
56. "modified stack venting" means a special stack venting arrangement such that the stack vent above the connection of the highest stack vented fixture is reduced in diameter;
57. "multiple unit dwelling" means a building so constructed, altered or used as to provide accommodation for more than one family to dwell in separately; and includes,
- i. flats,
  - ii. semi-detached housing,
  - iii. duplex and multiplex housing,
  - iv. row housing,
  - v. condominium housing, and
  - vi. residence apartment buildings but not apartment hotels,
- except that all communal areas in such buildings shall be regarded as public;
58. "offset", when used with reference to piping, means a pipe or a bend of pipe or both that takes one section of the piping out of line with, but parallel to, another section;
59. "open air" means the atmosphere outside a building;
60. "outlet", when used with reference to distributing pipe, means an opening at which water is discharged from the pipe,
- i. from a faucet,
  - ii. into a boiler or a heating system,
  - iii. into a device or equipment that is operated by water and that is not part of the distributing system, or

- iv. into the open air, other than into an open tank forming part of the supply system;
- 61. "pipe" or "piping" includes tube and tubing other than copper tube or tubing and includes fittings;
- 62. "plumbing" means,
  - i. a system of connected piping, fittings, valves and appurtenances that receives water from a source of supply that is on a property or from a public watermain and conveys the water into and within a building or to a place of use on the property and where the source is on the property, that commences at the source of supply or at the property line and includes all tanks, pumps, heaters, coils, strainers and treatment devices designed to make physical, chemical or bacteriological changes in the water being conveyed,
  - ii. fixtures,
  - iii. drainage piping, including all traps, fittings and appurtenances,
  - iv. storm drainage piping, including all traps, fittings and appurtenances, and
  - v. a vent system, including all fittings and appurtenances,
 but does not include,
  - vi. any system of piping,
    - A. for space heating wherein water is used as a medium to transfer heat,
    - B. in which liquids or vapours are circulated for the purpose of cooling or refrigeration,
    - C. through which air is passed for the purpose of controlling the temperature, humidity or motion of the air passing through the system,
    - D. that consists wholly or partly of piping that conveys water primarily for the purpose of fire control,
    - E. that conveys water for the purpose of providing water or nutrients to the soil,
  - F. that conveys water for the purpose of landscaping or for the care of animals, birds or fish,
  - G. that transmits force by means of water or by means of a liquid other than water in which water is used for cooling,
  - H. that conveys liquids for the purpose of melting ice or snow,
  - I. that uses water in the conveyance of flammable gas for fuel; or
  - vii. a well, a well pump installed for the purpose of conveying water from the well, a pressure tank and pump if the tank and pump are combined as a unit, the piping between any well pump and the well, the piping between a well pump and a pressure tank that is installed separate from the pump and the connection of the piping to such pressure tank, and where there is no well pump, any piping connected to the well for a distance of three feet from the outside wall of the well,
- 63. "potable water" means water fit for human consumption;
- 64. "potable water system" means the plumbing that conveys potable water;
- 65. "public building" means any building to which the public has a right of access and, without limiting the generality of the foregoing, includes,
  - i. a boarding house having equipment to provide meals for ten or more boarders,
  - ii. a building occupied by a municipal, public utility or educational body,
  - iii. food premises within the meaning of Regulation 840 of Revised Regulations of Ontario, 1980,
  - iv. an industrial establishment as defined in the *Occupational Health and Safety Act*,
  - v. a hotel as defined in the *Hotel Fire Safety Act*,
  - vi. a lodging house having accommodation for ten or more lodgers,

- vii. a public hall as defined in the *Public Halls Act*,
- viii. a tourist establishment as defined in the *Tourism Act*, and
- ix. premises, whether enclosed or not, where,
  - A. any cinematograph or moving-picture machine or similar apparatus is operated,
  - B. any theatrical performance, carnival, circus, side show, menagerie, concert, rodeo, exhibition, horse race, athletic contest or other exhibition is staged or held, or
  - C. facilities for dancing or ice skating or roller skating are provided,
 and to which admission is granted upon payment for admission;
- 66. "public washroom" means any room that contains one or more sanitary units and to which,
  - i. employees of a business or institution,
  - ii. patrons of, or visitors to, a place of business,
  - iii. students, patients, inmates or visitors of an institution,
  - iv. the travelling or transient public, or
  - v. all tenants of an apartment building or condominium,
 would expect to have the right of access without any special permission from management;
- 67. "rain water leader" means a conductor inside a building or other structure that conveys storm water from the roof of the building or other structure to a building storm drain or other place of disposal;
- 68. "relief vent" means a vent pipe discharging into a vent stack and connected to a horizontal branch between the first fixture connection and the soil stack or waste stack;
- heater that replaces an existing water heater that is being taken out of service, is installed in essentially the same location and uses the same fuel or other heating medium as the water heater it replaces;
- 70. "rim" means the unobstructed open edge of a fixture;
- 71. "riser" means a supply pipe that extends through at least one full storey to convey water;
- 72. "sanitary unit" means a water closet, urinal, bidet or bedpan washer;
- 73. "service pipe" means the pipe that conveys water between the main shut-off valve on the public water system and the control shut-off valve in a supply system;
- 74. "sewage" means any liquid waste containing animal, vegetable or mineral matter in suspension or solution but does not include storm water;
- 75. "sewage tank" means a sump that is air tight except for the vent required by section 127 and that receives the discharge of sewage from a subdrain;
- 76. "sink" means a receptacle for general washing or for receiving liquid wastes;
- 77. "soil stack" means a stack that conveys the discharge of one or more sanitary units with or without the discharge from any other fixture;
- 78. "stack" when used as a noun means a vertical soil, waste or vent pipe which serves more than one fixture;
- 79. "stack venting" when used with reference to fixtures means an arrangement such that the connection of the drainage piping from the stack vented fixtures to the stack provides adequate venting to the fixture traps so that no additional vent piping is required;
- 80. "stack vent" means the extension of a soil stack or waste stack above the highest connection of a waste pipe to the stack;
- 81. "structural change", when used to refer to a building, means the alteration, defacement or removal of any normally permanent structural member or surface, whether repaired or not, if the nature of the repair is, or would be, such that other material replaces that which was removed;
- 82. "storey" means the interval between two successive floor levels, or the floor level and the roof, beginning at the first floor above the building drain;
- 83. "storm drainage pipe" means any pipe in storm drainage piping;

84. "storm drainage piping" means all the connected piping that conveys storm water to a place of disposal and includes the building storm drain, building storm sewer, rain water leader and area drain installed to collect surface water from the area of a building and the piping that drains water from a swimming pool or from water-cooled air-conditioning equipment but does not include,
    - i. a main storm sewer,
    - ii. a sub-surface drain, or
    - iii. a foundation drain;
  85. "storm water" means rain water, melted snow or ice and water in the subsoil;
  86. "subdrain" means a drain that is at a level lower than the building drain and the building sewer;
  87. "sub-surface drain" means a drain, other than a foundation drain, installed to collect water from subsoil;
  88. "sump" means a watertight tank or pit that is open to the atmosphere,
    - i. which receives storm water or other liquid waste that does not require treatment as sanitary sewage, and
    - ii. from which the storm water or liquid waste it receives is discharged to a sewer or other acceptable point of disposal;
  89. "supply system" includes the service pipe, distributing pipe and all connecting pipes, fittings, control valves and devices;
  90. "trap" means a fitting or device which provides a liquid seal to prevent the emission of sewer gases without materially affecting the flow of sewage or waste water through it;
  91. "trap seal" means the vertical depth of water between the crown weir and the trap dip;
  92. "trap standard" means the trap for a fixture that is integral with the support for the fixture;
  93. "trade size" means any size designation traditionally used by the trade, but restricted to products or classes of products manufactured to a standard or specification, so that the designated trade size may be referred to an industry accepted table or chart which then provides the true dimensions of the item in question;
  94. "travel trailer" means any vehicle designed, built and maintained so that it may be drawn on the highway and primarily built, furnished and used, or intended to be used, for overnight or short term shelter;
  95. "vacuum breaker" means a device used in a water supply pipe which, when strategically located, will prevent the reverse flow of water in the pipe by admitting air to the pipe and thereby preclude any back siphonage that might otherwise occur;
  96. "vent stack" means a continuous run of vent pipe connected to a soil stack, waste stack or building drain and terminating in the open air;
  97. "vent system" means a system of piping installed to provide a flow of air to or from drainage piping or storm drainage piping;
  98. "vertical" means not departing from the true vertical plane by more than 45°;
  99. "wash basin" means a receptacle for washing any part of the human body;
  100. "waste pipe" means that part of drainage piping that runs from a fixture to a waste stack, soil stack, building drain or sewage tank;
  101. "waste stack" means a stack that conducts liquid wastes from one or more plumbing fixtures that are not sanitary units;
  102. "water-closet" means a fixture commonly so known;
  103. "wet vent" means a waste pipe functioning also as a vent pipe;
  104. "yoke vent" means a vent pipe connecting a soil stack or a waste stack to a vent stack. R.R.O. 1970, Reg. 647, s. 1 (1); O. Reg. 344/71, s. 1 (1-4); O. Reg. 158/73, s. 1 (1, 2); O. Reg. 310/76, s. 1; O. Reg. 295/79, s. 1; O. Reg. 983/80, s. 1.
    - (2) A mezzanine storey or floor in or upon which a fixture is installed shall be deemed to be a separate storey or floor. R.R.O. 1970, Reg. 647, s. 1 (2).
- 2.—(1) Subject to subsections (2), (3), (4), (5) and (6), this Regulation applies to plumbing other than plumbing constructed, repaired, renewed or altered for the sole purpose of industrial processes. O. Reg. 158/73, s. 2 (1).
- (2) This Regulation does not apply to those parts of territorial districts without municipal organization.
- (3) This Regulation applies to the connection of plumbing that is subject to this Regulation with

plumbing that is not subject to this Regulation. R.R.O. 1970, Reg. 647, s. 2. (2, 3).

(4) This Regulation applies to all plumbing in factory built housing erected in Ontario notwithstanding that some part of the plumbing may have been constructed outside the jurisdiction responsible for the inspection.

(5) No pipes, fittings, fixtures or materials used in plumbing contained in any mobile home or travel trailer constructed after the 1st day of July, 1973 shall be put into service or connected to any public or private sewers or water supply system unless the pipes, fittings, fixtures or materials are marked as approved by the Canadian Standards Association as being in conformance with the appropriate sections of the Canadian Standards Association standard Z240.

(6) Plumbing in a mobile home or travel trailer that is marked as approved in accordance with subsection (5) shall not be subject to further inspection for compliance with this Regulation but shall be inspected from time to time to ensure that it continues to meet the standard under which it was approved, and where such plumbing is found to be altered subsequent to approval, or where for some reason it was not eligible for Canadian Standards Association approval, it shall be subject to this Regulation. O. Reg. 158/73, s. 2 (2).

3.—(1) Subject to subsection (2), no person shall construct, repair, renew or alter, or cause, suffer or permit an employee or agent to construct, repair, renew or alter, any plumbing except in conformance with this Regulation. O. Reg. 158/73, s. 3.

(2) The Ministry of Consumer and Commercial Relations may, at its discretion and subject to its terms permit test installations of new plumbing materials or system design where such test installations are considered necessary to establish the merits and limitations of the materials or design in question. O. Reg. 344/71, s. 2.

4.—(1) Where plumbing has been constructed, repaired, renewed or altered, the plumbing shall not be put into use until it has been inspected and found to conform to this Regulation. R.R.O. 1970, Reg. 647, s. 4 (1).

(2) Subsection (1) does not apply to,

- (a) the repairing or replacement of a valve, faucet or fixture;
- (b) the repairing of a leak or forcing out of a stoppage; or
- (c) the installation of a replacement water heater. R.R.O. 1970, Reg. 647, s. 4 (2); O. Reg. 983/80, s. 2.

(3) Every municipality shall carry out such inspections as are prescribed by this Regulation.

(4) Where any plumbing to be inspected is concealed, the inspector may refuse to make his inspection until the plumbing is completely uncovered and made accessible to him. R.R.O. 1970, Reg. 647, s. 4 (3, 4).

5.—(1) An inspection shall be made within seven days after notification in writing to the municipality or its authorized agents that the construction, repair, renewal or alteration is ready for inspection.

(2) Where an inspection is made, the person who has constructed, repaired, renewed or altered the plumbing being inspected shall make the tests prescribed by this Regulation under the supervision of the inspector.

(3) Where the inspector finds that the construction, repair, renewal or alteration does not conform to this Regulation, he shall forward to the person who has constructed, repaired, renewed or altered the plumbing and the person who has the right to possession of the premises or the owner particulars in writing of the non-conformance.

(4) Forthwith after finding that the construction, repair, renewal or alteration conforms to this Regulation, the inspector shall certify the conformance in writing to the person who has the right to possession of the premises or the owner and upon request shall forward a copy of the certificate of conformance to the person who has constructed, repaired, renewed or altered the plumbing.

(5) Notwithstanding anything contained in this section, a municipality shall from time to time inspect any plumbing which it has cause to believe does not conform to this Regulation, and shall require that any such plumbing be remedied forthwith by the owner or the person who has the right to possession of the premises, so that the use or operation of any plumbing fixture or appliance connected to the plumbing system shall not,

- (a) contaminate or endanger a potable water supply;
- (b) leave or tend to leave any drainage opening in a building with less than one inch of water seal; or
- (c) discharge waste from the system to a point where it becomes a source of water pollution. R.R.O. 1970, Reg. 647, s. 5.

(6) Where plumbing is inspected under the authority provided in subsection (5) and a replacement water heater installation is found to be in contravention of this Regulation, a municipality shall forward to the owner or person who has the right to possession of the premises, particulars in writing of the nonconformance and shall require that such installation be remedied forth-

with by the owner or person who has the right to possession of the premises. O. Reg. 983/80, s. 3.

## PART I

### GENERAL

#### Material

6.—(1) Except as otherwise provided, this Part applies to all piping and copper tubing.

(2) Except in piping of lead, copper, black wrought iron or black steel, no joint shall be welded.

(3) A butt-fused joint in piping or tubing of copper or brass shall be made with solder that will not melt at a temperature less than 800°F. R.R.O. 1970, Reg. 647, s. 6.

(4) All nuts, bolts, screws and other fastening devices used in the assembly, adjustment, hanging or mounting of plumbing piping, fittings, fixtures, drains or cover plates when subject to periodic disassembly, reassembly or adjustment shall be made of a material that is adequate for the task and that will not become inoperative by the normal ravages of moisture, corrosion or aging. O. Reg. 158/73, s. 4.

7. Used, defective or damaged material shall not be used unless it conforms to the requirements for new material. R.R.O. 1970, Reg. 647, s. 7.

8.—(1) Sheet lead used in the construction, repair, renewal or alteration of plumbing shall,

(a) consist of not less than 99.85 per cent of lead; and

(b) weigh not less than five pounds a square foot.

(2) Lead used for caulking shall consist of not less than 99.73 per cent of lead. R.R.O. 1970, Reg. 647, s. 8.

9.—(1) Lead waste pipe for water-closets shall be of a weight of at least eight pounds per square foot at the thinnest place.

(2) Lead bends or lead stubs connected to pipe or fittings of other material shall be fused, swaged, or spun on to the other material so as to make a permanently water-tight joint. R.R.O. 1970, Reg. 647, s. 9.

10.—(1) Solder used for wiped joints of lead-to-lead or lead-to-brass or lead-to-copper shall consist of,

(a) not less than 57.85 per cent of lead;

(b) not less than 30 per cent, but not more than 40 per cent, of tin; and

(c) not more than 2 per cent of antimony,

and may contain not more than .15 per cent of impurities.

(2) The solder shall not contain aluminum or zinc. R.R.O. 1970, Reg. 647, s. 10.

11.—(1) Copper pipe or copper tube shall contain,

(a) not less than 99.9 per cent of copper; and

(b) not more than .04 per cent of phosphorus.

(2) Brass pipe shall contain 84 to 86 per cent of copper, not more than .06 per cent of lead, not more than .05 per cent of iron and the remainder shall be zinc. R.R.O. 1970, Reg. 647, s. 11.

12.—(1) Copper or brass pipe of a trade size set out in column 1 of Table 2 shall have,

(a) the actual outside diameter set out in column 2 of Table 2;

(b) where the pipe is installed as standard pipe, the nominal wall thickness set out in column 3 of Table 2; and

(c) where the pipe is installed as extra heavy pipe, the nominal wall thickness set out in column 6 of Table 2.

(2) Copper or brass pipe of a trade size set out in column 1 of Table 2 shall have the nominal weight in pounds per foot of length,

(a) where the pipe is installed as standard pipe, set out in column 4 for copper and column 5 for brass; and

(b) where the pipe is installed as extra heavy pipe, set out in column 7 for copper and column 8 for brass.

(3) The wall thickness of copper or brass pipe shall not be less than the nominal wall thickness determined under subsection (1) by a greater tolerance than,

(a) where the pipe is six inches or less, trade size, 5 per cent;

(b) where the pipe is over six inches and not over eight inches, trade size, 7 per cent; and

(c) where the pipe is over eight inches, trade size, 8 per cent.

(4) The weight of copper or brass pipe shall not vary from the weight determined under subsection 2 by a greater tolerance than,

(a) where the pipe is six inches or less, trade size, 5 per cent;

(b) where the pipe is over six inches and not over 8 inches, trade size, 7 per cent; and

(c) where the pipe is over eight inches, trade size, 8 per cent. R.R.O. 1970, Reg. 647, s. 12.

13.—(1) Copper tube of a trade size set out in column 1 of Table 9 shall have,

(a) the actual outside diameter set out in column 2 within the tolerance set out in column 3 or 4, as the case may be;

(b) the nominal wall thickness set out in column 5, 7, 9 or 11 for Type K, Type L, Type M or Type DWV, respectively and the actual wall thickness shall not vary from the nominal by a tolerance of more than that set out in column 6, 8, 10 or 12, respectively; and

(c) the weight per foot set out in column 13, 14, 15 or 16 for Type K, Type L, Type M or Type DWV, respectively.

(2) The dimensions of copper tube that is buried underground outside, but not under, a building shall not be less than those for Type K in Table 9.

(3) Where copper tube that is used as a waste pipe or vent pipe is buried underground within a building, the dimensions of the tube shall be not less than those for Type L in Table 9.

(4) Where copper tube that is used as a waste pipe or vent pipe is buried underground outside a building, the dimensions of the tube shall be not less than those for Type K in Table 9. R.R.O. 1970, Reg. 647, s. 13 (1-4).

(5) Copper tube in a water supply system, when installed underground under a building, shall have dimensions not less than those for Type L in Table 9, and when installed above ground inside a building, shall have dimensions not less than those for Type M in Table 9. O. Reg. 209/72, s. 1.

(6) Copper tube installed above ground and used as a waste pipe or vent pipe shall have dimensions not less than those for Type DWV in Table 9.

(7) Hard copper tube shall not be installed unless its manufacturer has permanently marked thereon at intervals of not more than two feet throughout its length a designation indicating that it is K, L, M or DWV type. R.R.O. 1970, Reg. 647, s. 13 (6, 7).

(8) Where copper tubing that is not hard drawn is installed above ground and within a building, it shall first be stretched until it is straight and every bend made in it thereafter shall be made with tools designed for the purpose of bending and the radius of every change of direction shall be constant from tangent to tangent.

(9) Hard drawn copper tubing shall not be bent unless it is annealed first, and where it is annealed, it shall be subject to subsection (8).

(10) Type M copper tube shall not be bent under any circumstances. O. Reg. 158/73, s. 5.

14.—(1) Soldered pressure fittings and soldered drainage fittings made by the casting process shall contain the metals set out in items 1 and 2 of the Table in proportions at least those set out in column 2, and shall not contain metals other than those in items 3 to 7 and those metals shall not be in proportions greater than those in column 2, as follows:

TABLE

Column 1	Column 2
1. Copper	78.0% minimum
2. Tin	2.25% minimum
3. Lead	8.0% maximum
4. Zinc	10.0% maximum
5. Nickel	1.0% maximum
6. Iron	0.4% maximum
7. Phosphorus	0.05% maximum

(2) Soldered pressure fittings and soldered drainage fittings made by the forging process shall not contain any metal in items 2, 3 and 4 of the Table in proportions in excess of the percentages in column 2 and shall contain the metals in items 1 and 5 in proportions at least those in column 2, as follows:

TABLE

Column 1	Column 2
1. Copper	58.0% minimum
2. Tin	1.5% maximum
3. Lead	2.5% maximum
4. Iron	0.30% maximum
5. Zinc	Remainder

Total of other impurities, 0.5% maximum.

(3) Soldered pressure fittings and soldered drainage fittings made by the machining process shall not contain the metals in items 2, 3, 4 and 5 of the Table in proportions in excess of the percentages in column 2 and shall contain the metals in items 1 and 6 in proportions at least those in column 2, as follows:

TABLE

Column 1	Column 2
1. Copper	60.0% minimum
2. Tin	1.2% maximum
3. Lead	3.7% maximum
4. Nickel	1.2% maximum
5. Iron	0.35% maximum
6. Zinc	Remainder

Total of other impurities, 0.5% maximum.

(4) Soldered pressure fittings and soldered drainage fittings made by the wrought process shall not contain the metals in items 2, 3, 4 and 5 of the Table in proportions in excess of the percentages in column 2 and shall contain the metals in items 1 and 6 in proportions at least those in column 2, as follows:

TABLE

Column 1	Column 2
1. Copper	84.0% minimum
2. Tin	1.2% maximum
3. Lead	0.06% maximum
4. Iron	0.05% maximum
5. Phosphorus	0.04% maximum
6. Zinc	Remainder

R.R.O. 1970, Reg. 647, s. 14.

15. Soldered drainage fittings shall be of the DWV Type and permanently marked DWV. R.R.O. 1970, Reg. 647, s. 15.

16. A brass caulking ferrule of a trade size itemized in column 1 of Table 3 shall,

- (a) conform to the specifications prescribed for brass piping by subsection 11 (2);
- (b) have an actual inside diameter not less than that prescribed in column 2;
- (c) be of a length not less than that prescribed in column 3; and
- (d) have weight not less than that prescribed in column 4. R.R.O. 1970, Reg. 647, s. 16.

17. A brass soldering nipple of a trade size itemized in column 1 of Table 4 shall,

- (a) conform to the specifications prescribed for brass piping by subsection 11 (2);
- (b) be of a length not less than that prescribed in column 2; and
- (c) have weight not less than that prescribed in column 3. R.R.O. 1970, Reg. 647, s. 17.

18. A brass soldering hub of a trade size itemized in column 1 of Table 5 shall,

- (a) conform to the specifications prescribed for brass piping by subsection 11 (2);
- (b) have an actual inside diameter not less than that prescribed in column 2;
- (c) be of a length not less than that prescribed in column 3; and
- (d) have weight not less than that prescribed in column 4. R.R.O. 1970, Reg. 647, s. 18.

#### SUPPORT OF PIPES

19.—(1) An underground pipe shall be supported and protected in such manner and at such intervals as will prevent the pipe and the joints from being subjected to any stress likely to cause breakage.

(2) A pipe passing under or through a wall or connected to a catch basin shall be protected against breakage in accordance with section 51.

(3) A metal pipe passing under or through cinders or corrosive material shall be protected against corrosion by a heavy coat of bituminous or similar material applied to the outside of the pipe.

(4) The supply system, drainage piping and storm drainage piping shall be protected from damage and freezing, and when thermal insulation is installed for the protection of a pipe, it shall completely surround the pipe and be attached to the pipe.

(5) Provision shall be made for expansion or contraction of piping by means of expansion joints or expansion loops. R.R.O. 1970, Reg. 647, s. 19.

20.—(1) Vertical piping shall be supported and anchored with substantial rests appropriate for the purpose.

(2) Subject to subsection (3), the rests shall be set not farther apart than,

- (a) the floor levels of alternate storeys; or
- (b) twenty-five feet vertical distance,

whichever is the lesser.

(3) Where pipes are offset or branched, the rests shall be placed at such shorter intervals as are necessary to support and keep the piping in alignment when full of liquid. R.R.O. 1970, Reg. 647, s. 20 (1-3).

(4) Where piping produced in lengths of thirteen feet or less is coupled with rubber "O" rings or gaskets providing inherent flexibility, each full length of pipe shall have at least one rest.

(5) Where piping produced in lengths of more than thirteen feet is coupled with rubber "O" rings or gaskets providing inherent flexibility, each full length of pipe shall have at least two rests. O. Reg. 295/79, s. 2.

(6) The rests mentioned in subsections (2) and (3) shall be,

(a) anchors which hold the pipe fixed in relation to the building or structure at the point of anchorage; or

(b) supports which hold the pipe in proper alignment but which permit relative motion induced by differential thermal expansion,

as the case may be.

(7) Anchorage and support points shall be selected so that,

(a) there can be no change of location of the pipe relative to the building or structure;

(b) no pipe, pipe anchor or support, or fixture is stressed beyond its working limit; and

(c) thermal expansion is not restrained, but the movement caused thereby is guided and controlled. R.R.O. 1970, Reg. 647, s. 20 (4, 5).

**21.—**(1) Subject to subsections (2) to (5), horizontal piping shall be supported at points sufficiently close,

(a) to prevent the pipe from sagging when it is full of liquid; and

(b) to keep it in alignment when it is full of liquid.

(2) No interval between supports shall be greater than eight feet.

(3) Lead pipe in horizontal runs shall be supported throughout its entire length. R.R.O. 1970, Reg. 647, s. 21 (1-3).

(4) Horizontal runs of drainage pipe and storm drainage pipe of material other than polymeric plastic and with joints that are not fused or screwed or do not incorporate bolted flanges and that are not supported by earth shall be supported at intervals not greater than six and one-half feet or half the lay length of the pipe, whichever is the lesser and, where such pipe has successive fittings with no pipe between the fittings exceeding twelve inches in length, the pipe shall be supported at intervals not greater than three feet. O. Reg. 295/79, s. 3 (1).

(5) All piping of polymeric plastic installed in horizontal runs not buried in the earth shall be supported by hangers spaced not more than four feet apart, but in the case of distributing pipe, the four foot maximum shall be reduced as required for compliance with section 41. O. Reg. 295/79, s. 3 (2).

(6) Distributing pipe, drainage pipe and storm drainage pipe other than piping described in subsections (4) and (5), when placed in horizontal runs, shall be supported at intervals of not more than,

(a) eight feet for pipes larger than  $\frac{3}{4}$  of an inch, trade size; and

(b) six feet for pipes of  $\frac{3}{4}$  of an inch or smaller, trade size; and

piping of lead shall be continuously supported throughout its length. O. Reg. 344/71, s. 3, *part*.

(7) Piping with joints that are not fused or screwed or do not incorporate bolted flanges and that,

(a) is of a diameter or area set out in columns 2 to 10, both inclusive, of Table 1; and

(b) is subjected to any of the internal pressures set out in column 1 of Table 1,

shall be braced to withstand the separating force set out in the column that contains the diameter or area of the pipe and set opposite the internal pressure in column 1. R.R.O. 1970, Reg. 647, s. 21 (6).

**22.—**(1) Where a hanger is used, the hanger shall be of metal and,

(a) subject to subsections (3) and (4), shall come into contact with the pipe wall;

(b) shall be of a design and strength sufficient to support the load carried; and

(c) shall be securely attached to the building. R.R.O. 1970, Reg. 647, s. 22 (1).

(2) Where a hanger is attached to stone, brick, cement, concrete or other similar material, the attachment shall be made by means of permanent inserts or fasteners that are,

(a) manufactured for the intended purpose; and

(b) installed without damage to the surrounding material,

and where the fastener is driven by impact, the load on the fastener shall be predominantly a shear load. O. Reg. 310/76, s. 2, *part*.

(3) Where copper tube or copper or brass pipe is at a distance of one inch or less from the hanger or other metal that is different from the tube or pipe, the tube, pipe, hanger or other metal shall be insulated with plastic, rubber or other suitable similar material designed to prevent the transmission of an electric current to or from the tube or pipe.

(4) The insulating material required by subsection (3) shall have a life expectancy equal to the life expectancy of the tube or pipe. O. Reg. 295/79, s. 4.

(5) Where distributing piping designed to convey water of 65° F. or less is insulated or is insulated and vapour sealed, the insulation or insulation and vapour seal, as the case may be, may separate the hanger and the pipe if a shoe plate designed and installed to protect the insulation or the insulation and the vapour seal separates the hanger and the insulation or the insulation and the vapour seal, as the case may be. R.R.O. 1970, Reg. 647, s. 22 (4).

## PART II

### WATER SYSTEMS

#### General

**23.—(1)** This Part applies to supply systems conveying potable water. R.R.O. 1970, Reg. 647, s. 23.

(2) In this Part, "consumer", when used to refer to a consumer of water, means the person actually drinking or otherwise using the water whether or not he is the owner of the premises at which the water is received or whether or not he has a purchase contract with a public utilities commission or other water supplier. O. Reg. 158/73, s. 6.

**24.—(1)** Subject to subsection (2), no connection shall be made in a potable water system whereby any foreign matter or non potable water may enter the potable water system.

(2) No water that is supplied by a municipality, public utilities commission or other operator of a water supply system shall be subjected to any process of treatment or adulteration before it reaches the consumer except where such process is administered under the complete control of,

- (a) the operator of the water supply system; or
- (b) the consumer with the consent of the operator of the water supply system. O. Reg. 158/73, s. 7, *part*.

(3) No person shall interfere with a potable water system in such manner as to cause the water to become non-potable.

(4) No pipe or fitting that has been used for any purpose other than the distribution of potable water shall be installed in a potable water system.

(5) A potable water system shall be separate from and independent of a supply system for non-potable water. R.R.O. 1970, Reg. 647, s. 24 (2-4).

(6) No pipe conveying non-potable water, sewage or any toxic substance shall be run where it may contaminate the potable water in,

- (a) a tank which may or may not be a pressure tank; or
- (b) any food or beverage handling pipe or equipment. O. Reg. 158/73, s. 7, *part*.

(7) No part of a sewage ejector shall be connected to any part of a potable water system.

(8) No connection shall be made between a potable water system supplied with water by a public authority and any other potable water system without the consent of the public authority. R.R.O. 1970, Reg. 647, s. 24 (6, 7).

**25.—(1)** A tank for distributing potable water that is not a pressure tank shall have a cover sufficiently tight fitting to keep foreign matter from entering the water.

(2) Every well, pump, tank, filter, softener, appliance and device connected to a potable water system shall be provided with such covers, walls, copings and casings as entirely exclude superficial ground or surface water and other sources of contamination. R.R.O. 1970, Reg. 647, s. 25.

**26.** All newly installed repaired or altered parts of a potable water system shall, before the system is put into use, be thoroughly cleansed to ensure freedom from contamination. R.R.O. 1970, Reg. 647, s. 26.

**27.** All piping conveying non-potable water shall be,

- (a) identified by distinct, easily recognizable, permanent marking; and
- (b) not accessible as a supply of water for human consumption or for preparation of food. R.R.O. 1970, Reg. 647, s. 27.

**28.** Non-potable water shall not be conveyed to any part of a food processing establishment where food is being processed. R.R.O. 1970, Reg. 647, s. 28.

#### PIPING

**29.—(1)** Service piping and distributing piping shall be of,

- (a) brass conforming to sections 11 and 12;
- (b) cast iron conforming to section 32;
- (c) copper conforming to sections 11, 12 and 13;

- (d) ductile-iron pipe that is centrifugally cast and has a manufacturers' rating adequate to the service conditions;
- (e) open hearth iron conforming to section 33;
- (f) steel conforming to section 34;
- (g) wrought iron conforming to sections 35 and 36;
- (h) polyethylene pipe or tube, provided that the pipe or tube is,
- installed underground in a manner such that the end of the pipe projects above the floor of the building in which it is installed a maximum of eighteen inches,
  - restricted in use to water of a temperature less than 100° Fahrenheit,
  - rated for a maximum working pressure of 150 p.s.i. or more, and
  - Canadian Standards Association certified for the intended purpose;
- (i) poly (vinyl chloride) pipe, provided that the pipe,
- is certified by the Canadian Standards Association as meeting CSA Standard B137.3,
  - is coupled with poly (vinyl chloride) fittings and solvent cement that are certified by the Canadian Standards Association for the purpose, or with cast iron fittings and rubber gaskets designed for the purpose,
  - is restricted to the carrying of water not over 100°F,
  - has a rated working pressure of not less than 150 p.s.i., and
  - is installed underground by burial in earth outside the building and stops short of the foundation wall or footing by at least three feet; or
- (j) polybutylene pipe or tube, provided that the pipe or tube meets all the performance requirements of the polyethylene pipe or tube permitted in clause (h) and is certified to CSA preliminary Standard B137.7-1976 or to CSA Standard B137.8-M1977. O. Reg. 344/71, s. 4 (1); O. Reg. 310/76, s. 3; O. Reg. 295/79, s. 5 (1).
- (2) In addition to the piping set out in subsection (1) the following piping may be used inside a building to be used only as a residence and in which there is no mandatory fire separation or alternative thereto:
- Chlorinated poly (vinyl chloride), where both pipe and the fittings used therewith are certified to CSA Standard B137.6 1971.
  - Polybutylene, where both pipe and fittings used therewith are certified to CSA Standard B137.8-M1977. O. Reg. 295/79, s. 5 (2).
  - No distributing pipe made predominantly of iron and made to iron pipe sizes or to cast iron pipe sizes shall be installed in any potable water distributing system above the lowest floor of the building unless the pipe is accessible for repair and replacement without structural changes in the building. O. Reg. 158/73, s. 8.
  - Where a pipe or fitting of a trade size smaller than two inches of iron or of steel of any kind is used, it shall be zinc galvanized or cement lined and, subject to subsection (5), where it is underground, it shall be of a trade size not smaller than 1¼ inches.
  - Black iron or black steel pipe or fittings shall not be installed underground. R.R.O. 1970, Reg. 647, s. 29 (3, 4).
  - No service pipe, and no distributing pipe between the point of connection with the service pipe or the meter and the first branch which supplies a water heater, shall have an inside diameter of less than ¾ of an inch. O. Reg. 344/71, s. 4 (3).
- 30.—(1)** In this section, "asbestos cement pipe" means pipe,
- composed of an homogenous mixture of portland cement and asbestos fibre, free from organic matter and suitable for conveying water under pressure;
  - the inside surface of which is smooth and free from any defect that results in a variation in the inside diameter of more than 0.187 of an inch;
  - the inside diameter of which, measured three inches from any end of the pipe, is not more than 5 per cent less than the trade size of the pipe;
  - that is an uncut length of thirteen feet with a tolerance of minus one inch; and
  - the centre line of which does not deviate from a straight line by more than ⅝ of an inch.
- (2) Where service piping or distributing piping to convey exclusively water of a temperature of less than 100° Fahrenheit and of a trade size not smaller

than 4 inch is installed underground, it may be asbestos cement pipe if it is of a class referred to in column 1 of Table 26 and if it is of a trade size itemized in column 2 and if it,

- (a) is capable of withstanding the working pressure in pounds per square inch set opposite thereto in column 3;
- (b) is capable of withstanding the hydrostatic test pressure in pounds per square inch set opposite thereto in column 4;
- (c) has flexural strength to withstand a total load in pounds of not less than that set opposite thereto in column 5 if the load is applied at mid-span of a span of pipe thirteen feet in length; and
- (d) has the crushing strength in pounds per lineal foot of piping not less than that set opposite thereto in column 6.

(3) Asbestos cement pipe or fittings shall not be installed unless the manufacturer has permanently marked thereon the class of pipe, the trade size and the identification of the manufacturer. R.R.O. 1970, Reg. 647, s. 30.

**31.—(1)** In this section, "boss" means a protuberance or knob that is on the outside of a pipe and that causes the pipe wall to be thicker at that point than the rest of the pipe wall.

(2) Except as provided in subsections (3), (4) and (5) no metal pipe or copper tube shall be drilled or tapped.

(3) Metal pipe of a wall thickness of 0.34 of an inch or more and of a trade size of four inches or more may be drilled and tapped without a boss if the maximum trade size of the tap does not exceed  $\frac{1}{4}$  of the trade size of the metal pipe being tapped.

(4) Metal pipe or copper tube of a wall thickness of less than 0.34 of an inch and of a trade size of less than four inches may be drilled and tapped if it is drilled and tapped through a boss provided for drilling and tapping.

(5) Copper tube of the dimensions of Type K or Type L in Table 9 may be drilled with a mechanical tee turner that produces a tee with cylindrical walls that are smooth on the inside and limit the depth of insertion of the tube that fits into the tee. R.R.O. 1970, Reg. 647, s. 31.

**32.** Distributing piping or service piping of cast iron shall have a tensile strength to withstand an internal hydrostatic pressure of at least 150 p.s.i. R.R.O. 1970, Reg. 647, s. 32.

**33.—(1)** Welded alloyed open hearth iron piping of a trade size itemized in column 1 of Table 6 shall,

- (a) have a wall thickness not less than that prescribed in column 2;
- (b) subject to subsection (2), have a tensile strength to withstand internal hydrostatic pressure of at least the number of pounds per square inch prescribed in,
  - (i) column 3, for furnace butt-welded piping, or
  - (ii) column 4, for electric welded piping;
- (c) have a weight for each linear foot, when threaded and with couplings attached, not less than that prescribed in column 5; and
- (d) when threaded, have in each threaded inch not less than the number of threads prescribed in column 6.

(2) Welded alloyed open hearth iron piping of two inches or larger, trade size, shall have a tensile strength prescribed in clause (1) (b) at the same time as the piping is being subjected to end jarring equivalent to that produced by a two pound hammer.

(3) Nipples shall be made from piping conforming to subsections (1) and (2). R.R.O. 1970, Reg. 647, s. 33.

**34.—(1)** Steel piping of a trade size larger than 4 inch shall be lap welded.

(2) Couplings for steel piping shall be of wrought iron or steel.

(3) Steel piping of a trade size itemized in column 1 of Table 7 shall,

- (a) have an actual outside diameter not less than that prescribed in column 2, and a wall thickness not less than that prescribed in column 3;
- (b) have a weight for each linear foot, when threaded and with couplings attached, not less than that prescribed in column 4; and
- (c) when threaded, have in each threaded inch not less than the number of threads prescribed in column 5. R.R.O. 1970, Reg. 647, s. 34.

**35.—(1)** Wrought iron piping of a trade size larger than two inches shall be lap welded.

(2) Butt-welded wrought iron piping shall have a tensile strength to withstand internal hydrostatic pressure of at least 700 p.s.i.

(3) Lap-welded wrought iron piping of a trade size up to and including twelve inches shall have a tensile strength to withstand internal hydrostatic pressure of,

- (a) at least 1,000 p.s.i. in piping of a trade size of six inches or smaller;

(b) at least 800 p.s.i. in piping of eight inches, trade size; and

(c) at least 600 p.s.i. in piping of a trade size of ten inches or twelve inches.

(4) Lap-welded wrought iron piping of a trade size greater than twelve inches shall have a tensile strength to withstand internal hydrostatic pressure in pounds per square inch at least equal to the product of,

(a) the wall thickness in inches; and

(b) 24,000,

divided by the outside diameter in inches. R.R.O. 1970, Reg. 647, s. 35.

**36.** Wrought iron piping of a trade size itemized in column 1 of Table 8 shall have,

(a) an actual outside diameter not less than that prescribed in column 2;

(b) a wall thickness not less than that prescribed in column 3;

(c) a weight for each linear foot, when threaded and with couplings attached, not less than that prescribed in column 4; and

(d) when threaded, in each threaded inch not less than the number of threads prescribed in column 5. R.R.O. 1970, Reg. 647, s. 36.

**37.**—(1) Subject to subsections (4) and (5), joints of copper tubing shall be soldered, sweated or flared. O. Reg. 295/79, s. 6 (1).

(2) A soldered joint for copper tubing shall be,

(a) made with a fitting having shoulders or other means for limiting the insertion; and

(b) properly fluxed and soldered.

(3) All surface to be soldered shall be cleaned until bright. R.R.O. 1970, Reg. 647, s. 37 (2, 3).

(4) Where metallic pipe or tubing is joined to dissimilar metal and metallic contact may lead to galvanic corrosion within the system, a dielectric connector shall be used. O. Reg. 158/73, s. 9 (2).

(5) Where a service pipe is buried in firm earth and the tensile strength of a joint is not a critical factor, the pipe may be connected with rubber gasketed mechanical connectors. O. Reg. 295/79, s. 6 (2).

**38.**—(1) Every joint and connection in a potable water system shall be watertight under an internal water pressure of at least 150 p.s.i.

(2) Where, during installation or at any time before inspection, piping or a joint or a fitting is so injured that it will leak when subjected to the test

prescribed by section 48, the injured piping, joint or fitting shall be removed from the system. R.R.O. 1970, Reg. 647, s. 38.

**39.** Where a service pipe and a building sewer are laid in the same trench, the service pipe shall be laid on solid ground. R.R.O. 1970, Reg. 647, s. 39.

**40.**—(1) A service pipe shall be equipped with a main shut-off valve outside the building, and with,

(a) a control shut-off valve integrated with a drip valve inside the foundation wall if the pipe is one inch, or larger, trade size; or

(b) an accessible stop-and-waste cock, if the pipe is smaller than one inch, trade size.

(2) Every tank connected to a distributing pipe shall be equipped with,

(a) a valve adjacent to the tank and accessible in the supply line; and

(b) a drain-off valve. R.R.O. 1970, Reg. 647, s. 40 (1, 2).

(3) Subject to subsection (4), every distributing pipe passing through an exterior wall of a building or other structure shall be equipped with a stop and waste valve located in an accessible place inside the building adjacent to the exterior wall.

(4) Where a distributing pipe referred to in subsection (3) supplies a frost-proof hydrant, a stop valve may be installed in lieu of the stop and waste valve. O. Reg. 310/76, s. 4.

**41.**—(1) All water pipes shall be so graded that the whole system can be completely drained in its entirety or in separate parts.

(2) Where an invert or sag such as may cause a water trap or air trap is unavoidable, the piping shall be equipped with a drain cock or drain plug at the lowest point of the invert or sag. R.R.O. 1970, Reg. 647, s. 41.

**42.**—(1) A stopcock or valve shall be installed where it is at all times readily accessible and will completely drain the whole system it serves. R.R.O. 1970, Reg. 647, s. 42 (1).

(2) A stopcock or valve shall be installed at each water outlet supplying a sanitary unit and where a water using appliance is connected to a water distributing system there shall be installed at the point of each connection a stopcock or valve which is in addition to any other stopcock or valve required by subsections (3) and (4). O. Reg. 344/71, s. 5.

(3) In a public building, a stopcock or valve shall be installed,

(a) at the foot of each riser or, where there is no riser, at the place where each distributing pipe serving more than three fixtures branches from the pipe from which it is supplied;

(b) at each fixture or at each battery of wash basins or shower heads; and

(c) at each water outlet serving one or more appliances, including but not limited to washing machines and ice making machines, and in every instance, it shall be possible to shut off the water supply to an appliance without shutting down more than five other appliances, and all appliances so shut off simultaneously shall be on the same floor level.

(4) In a multiple unit dwelling, a stopcock or valve shall be installed,

(a) at the foot of each riser supplying more than one storey; and

(b) at the place where each fixture or group of fixtures serving each dwelling unit can be completely isolated. R.R.O. 1970, Reg. 647, s. 42 (3, 4).

(5) Every stop cock or valve installed shall be accessible for maintenance of the valve as well as operation. O. Reg. 158/73, s. 10.

#### PREVENTION OF BACK FLOW

43.—(1) In this section, "wall" includes,

(a) a wall of a room or building; and

(b) the inner surface of a fixture and of its superstructure.

(2) Except as permitted by section 45, where the orifice of a faucet, spout or distributing pipe supplies potable water to a fixture, it shall be so located that it is above the flood level rim of the fixture a vertical distance of not less than the minimum air gap prescribed by subsection (3) or (4).

(3) Where that point of the orifice that is nearest to a wall is located,

(a) a distance more than three times the diameter of the effective opening of the orifice from one wall; or

(b) a distance more than four times the diameter of the effective opening of the orifice from each of two intersecting walls,

the minimum air gap shall be not less than a distance equal to the diameter of the effective opening multiplied by two.

(4) Where that point of the orifice that is nearest to a wall is located,

(a) a distance equal to or less than three times the diameter of the effective opening of the orifice from one wall; or

(b) a distance equal to or less than four times the diameter of the effective opening of the orifice from each of two intersecting walls,

the minimum air gap shall not be less than a distance equal to the diameter of the effective opening multiplied by three. R.R.O. 1970, Reg. 647, s. 43.

44.—(1) Where a tank is connected to a potable water system, the tank shall have a valved drain line connected at the lowest point of the tank.

(2) Where the drain line discharges into a receptacle, the discharge outlet of the drain line shall be located above the flood level rim of the receptacle a distance not less than the air gap prescribed by section 43. R.R.O. 1970, Reg. 647, s. 44.

45.—(1) In this section, "critical level" means the horizontal plane at which a back-flow preventer functions.

(2) Subject to subsection (5), where it is not practicable to provide an air gap as prescribed by section 43, a back-flow preventer may be installed on the distributing pipe in a readily accessible position between the last valve on the distributing pipe and the outlet.

(3) A back-flow preventer shall be installed in a manner so that its critical level is above,

(a) the flood level rim of the fixture; or

(b) the highest possible water level in the tank,

a vertical distance not less than,

(c) four times the diameter of the inlet of the control valve; or

(d) four inches,

whichever is the greater. R.R.O. 1970, Reg. 647, s. 45 (1-3).

(4) A vacuum breaker other than a pressure type vacuum breaker when installed in a water supply system in such a location that it remains under pressure of water when no water is flowing through the system, shall not be installed as a back-flow preventer. O. Reg. 310/76, s. 5.

(5) Where a tank that is not a pressure tank is so constructed or so located that it is not practicable to provide above the flood level rim of the tank the minimum air gap prescribed by section 43 or to install a back-flow preventer,

- (a) the tank shall have an overflow outlet consisting of a channel or pipe below the flood level rim and below all pipes supplying water to the tank;
  - (b) the vertical distance from the lowest point of any of the supply pipes to the top of the overflow outlet shall be not less than  $1\frac{1}{2}$  times the minimum air gap prescribed by section 43;
  - (c) the total effective opening of the overflow outlets shall be enough that, when water is flowing into the tank at maximum rate with all inlets fully opened and all outlets, except the overflow outlets, closed, water will not rise to a point above the top of the highest overflow outlet a distance greater than one-half the minimum air gap prescribed by section 43;
  - (d) the overflow outlet shall have unobstructed discharge to the open air;
  - (e) the channel or pipe shall have an unobstructed cross-sectional area throughout its length not less than the effective opening of the outlet;
  - (f) the tank and the overflow outlet shall be protected from damage by freezing; and
  - (g) the discharge end of the overflow outlet shall be kept free of ice and all obstructions.
- (6) Where a potable water supply is connected to an enclosed system, such as a steam boiler or a hot water heating system, where no flood level can be established and protection of the potable supply by air gaps or anti-syphon type back-flow preventers becomes impracticable, the potable supply shall be through a pressure type back-flow preventer device, that has the following characteristics:
1. There shall be two check valves in series so that all water supplied flows through both check valves.
  2. The space between the two check valves shall be automatically vented to atmosphere so that in event of a pressure reversal, any water which leaks back through the check valve on the contaminated side of the device, shall be spilled to atmosphere and shall not build up pressure against the other check valves.
  3. The device shall be suitable for water supply pressures up to 150 p.s.i., back pressures up to 75 p.s.i. and temperatures up to 250°F.
  4. All materials used in the device shall be corrosion-resistant and suitable for the purpose.

5. The device shall be both performance tested and marked as approved by the Canadian Standards Association. R.R.O. 1970, Reg. 647, s. 45 (4, 5).

(7) Where the capacity of one back-flow preventer is inadequate for a particular installation and the next larger size is excessively large or unsuitable, it is permissible to install two or more smaller units in parallel but in no event shall such a parallel installation consist of more than four individual units. O. Reg. 344/71, s. 6.

46.—(1) Where a cooling jacket, a condenser or an industrial or special appliance or plumbing to which this Regulation does not apply is constructed or so located that,

- (a) the prescribed minimum air gap is not provided; or

- (b) a back flow preventer is not installed,

the jacket, condenser, appliance or plumbing to which this Regulation does not apply shall not be connected to a potable water system.

(2) A polyethylene service pipe shall not be installed to supply a hot water tank unless a check valve is installed on the distributing pipe supplying the hot water tank. R.R.O. 1970, Reg. 647, s. 46 (1, 2).

(3) Every hot water tank shall be equipped with,

- (a) a pressure relief valve designed to open when the water in the tank reaches the rated working pressure of the tank and so located that,

- (i) there is no shutoff between the tank and the relief valve, and

- (ii) the pressure in the tank shall not exceed the pressure at the relief valve by more than 5 p.s.i. under any condition of flow within the distribution system; and

- (b) a temperature relief valve with a temperature sensing element located in the tank and within the top six inches thereof, and designed to open and discharge sufficient water from the tank to keep the maximum temperature of the water in the tank at 210° F. where,

- (i) no other water is being withdrawn from the tank, and

- (ii) the water in the tank is being heated continuously at the maximum heat input rate for the tank; or

(c) a device that is designed to shut off the supply of electricity or fuel to the tank and that,

(i) is not connected to and operates independently of the thermostatic control that determines the temperature of the water in the tank, and

(ii) is,

(A) located and maintained on or within the top six inches of the tank so that the maximum temperature of the water in the tank shall not exceed 210°F or the temperature of the temperature sensing element by more than 5°F, or

(B) located in accordance with the certification, when the water heater is certified by the Canadian Standards Association or the Canadian Gas Association, and the existence and location of the energy cut off device as well as the certification is indicated by plainly visible markings on the outside of the heater. R.R.O. 1970, Reg. 647, s. 46 (3); O. Reg. 310/76, s. 6 (1).

(4) A pressure relief valve and a temperature relief valve may be combined where clauses 3 (a) and (b) are complied with and, where the probable water spill from a relief valve would create a hazard or a nuisance, the spilled water shall be piped to an appropriate point of disposal in accordance with subsection (5). O. Reg. 295/79, s. 7.

(5) Every pipe that conveys water from a temperature and pressure relief valve or from a temperature relief valve or a pressure relief valve connected to a hot water tank shall,

(a) have a diameter equal to or greater than the diameter of the outlet of the valve;

(b) terminate above a floor drain, sump or fixture, or if there is no floor drain, sump or fixture, at a distance not less than six inches and not more than twelve inches from a floor; and

(c) if routed to or through an area where freezing temperature may occur, have within the warm area adjacent to the tank an indirect connection that is not more than one foot above floor level. R.R.O. 1970, Reg. 647, s. 46 (5); O. Reg. 158/73, s. 11 (1).

(6) No unfired pressure vessel or storage tank that is part of, or is directly connected to a potable or a

non-potable water distributing system that is part of a plumbing system shall have a rated working pressure in excess of 50 per cent of the highest test pressure sustained by the tank and it shall be equipped with a pressure relief valve of adequate capacity and setting so that the working pressure of the tank will not be exceeded by more than 5 per cent at the maximum rate of water input into the tank. O. Reg. 310/76, s. 6 (2).

#### DRINKING FOUNTAINS

47.—(1) A drinking fountain shall,

(a) be of such materials and design as will ensure that all surfaces that potable water may reach before going into the waste pipe are hard, smooth, impervious to water and free from chips and cracks and can be readily cleansed;

(b) have an orifice that,

(i) is located above the flood level of the bowl,

(ii) is shielded so that a person cannot put his lips on the orifice, and

(iii) directs the water at an angle of approximately 45° upward from the true horizontal; and

(c) be equipped with a readily accessible means for regulating the flow of water.

(2) Where the orifice has an effective opening not greater than .15 square inch, the nozzle shall be located so that the lower edge of the orifice is not less than  $\frac{3}{4}$  of an inch above the flood level rim of the receptacle. R.R.O. 1970, Reg. 647, s. 47.

#### TESTING

48.—(1) A potable water system or a section thereof shall be tested by subjecting the system or section to a water pressure of 150 p.s.i. for not less than one hour after all air is expelled and all outlets are tightly closed.

(2) The inspector shall,

(a) by visual examination of all unconcealed parts; and

(b) by gauge tests,

satisfy himself that no water is leaking or seeping out from any pipe, joint or fitting other than at an outlet. R.R.O. 1970, Reg. 647, s. 48.

#### PART III

##### SEWAGE SYSTEMS

49.—(1) This Part applies to drainage piping and the venting thereof. R.R.O. 1970, Reg. 647, s. 49 (1).

(2) This Part, except subsections 55 (1) and (2) of sections 70, 80, 81, 83, 84, subsections 89 (1) and (3), sections 91, 92, 93, 95, 96, 100, 101 and 103 and sections 105 to 134, applies to storm drainage piping. O. Reg. 158/73, s. 12.

#### PIPING AND FITTINGS

50.—(1) No double Y fitting shall be used on a run of drainage pipe that departs from the true horizontal plane by less than 45°.

(2) No drainage pipe or vent pipe shall be drilled, tapped or welded.

(3) No saddle hub or band shall be used on a vent pipe.

(4) No saddle hub or band shall be used on a drainage pipe unless the pipe is in service, is installed underground, is composed of a non-metallic material and is of a trade size of not less than ten inches and the saddle hub or band makes a water-tight connection and,

(a) the saddle hub and all accessories, including gaskets, hold-down straps, nuts and washers; or

(b) the band and all accessories, including gaskets, bolts, nuts and washers,

have a life expectancy equal to,

(c) that of the existing underground drainage pipe;

(d) that of the pipe being installed; or

(e) twenty years,

whichever is the lesser.

(5) Nothing in subsection (2), (3) or (4) shall preclude a good water-tight mechanical connection being made to a flush tube downstream from a vacuum breaker or back-flow preventer for the purpose of adding germicidal or odour control chemicals to the flush water supplied to a fixture.

(6) No caulked cast iron fitting with double hubs shall be used except on a vent pipe.

(7) No branch fitting with a double T shall be used on drainage piping.

(8) No T-Y fitting shall be used to change the direction of horizontal drainage piping.

(9) Every fitting, connection or joint shall be so constructed and installed that it does not reduce the free flow of liquid by more than 10 per cent.

(10) A metal-faced union shall not be used except in a vent pipe.

(11) No connection shall be made between a lead pipe and a branch pipe of material other than lead unless,

(a) a lead branch of developed length of six inches or more is connected to the lead pipe; and

(b) the lead branch and the branch pipe are of equal trade size.

(12) Branched drainage piping shall have the fittings installed so that the flows of sewage come together at an included angle of less than 90 degrees. R.R.O. 1970, Reg. 647, s. 50 (1-12).

(13) No running trap shall be installed unless an accessible handhole is provided for cleaning of the trap and in the event that the trap is too small to accommodate an actual handhole, a clean-out shall be provided to serve the same purpose. O. Reg. 344/71, s. 7.

51.—(1) Subject to subsection (5), where drainage, storm drainage, distributing or service piping, other than service piping of polyethylene or copper tubing, outside or underneath a building or other structure is connected to piping in the building or other structure and is laid on an unstable foundation it shall be supported by a layer of concrete that shall be supported by soil or by piers adequate to maintain the grade and alignment of the pipe.

(2) Where a layer of concrete is used, it shall be not less than four inches thick and shall extend for six inches on each side of the pipe.

(3) Steel rods of ½ of an inch diameter shall be embedded in the layer of concrete required under subsection (2) parallel to the longitudinal axis thereof and,

(a) the bottom of the rods shall be not less than ¾ of an inch and not more than 1½ inches above the bottom of the concrete;

(b) the two rods on the outside shall be not more than two inches from the sides of the layer of concrete;

(c) the other rods shall be equally spaced between the two outside rods, at the same elevation and parallel to them;

(d) no two adjacent rods shall be less than four inches apart or further apart than twice the thickness of the layer of concrete; and

(e) the ends of the rods shall overlap a minimum of two feet, where the rods are not continuous and the ends are not anchored in the layer of concrete.

(4) Where piers are used, they shall,

- (a) each have a cross-sectional area of not less than 110 square inches;
- (b) be at intervals not greater than eight feet; and
- (c) extend down to a solid foundation.

(5) The diameter of a wrought iron rod or steel rod hanger placed underground to suspend piping shall be not less than ½ of an inch.

(6) No piping or copper tubing shall be supported by frozen ground.

(7) Bell and spigot joints in piping laid on an unstable foundation shall not be caulked with Portland cement or any compound thereof. R.R.O. 1970, Reg. 647, s. 51.

(8) Where select pipe bedding is specified in subsection (9) it shall consist of a non-cohesive ballast material of which at least 50 per cent will pass a ¼ inch sieve and 100 per cent will pass a ½ inch sieve and such bedding shall completely surround the pipe by a radial depth of at least four inches and shall be sufficiently consolidated so that the intended earth loading will not produce further compaction.

(9) Select pipe bedding shall be used in the installation of,

- (a) certified DWV piping of polymeric plastic having Schedule 40 pipe dimensions where the fill over the pipe will be subject to wheeled traffic or where the burial depth exceeds eight feet; and
- (b) sewer pipe of polymeric plastic certified to a standard which requires a minimum pipe stiffness of 40 lbs./in./in. (275 K PA) where the fill over the pipe will be subject to wheeled traffic or where the burial depth as measured from the top of the pipe exceeds 2½ feet. O. Reg. 295/79, s. 8, *part*.

**52.—(1)** A 90° bend in a drainage pipe shall have a curvature with a radius of not less than the diameter of the pipe.

(2) A cross fitting or a single or double T fitting shall not be used to connect a branch in drainage piping.

(3) Except to connect a vent pipe, a sanitary T-Y fitting shall not be used in a nominally horizontal pipe in a drainage system.

(4) A double T-Y fitting used to connect a waste pipe to a vertical section of a stack shall have a diameter of not less than three inches and

openings of 1¼ inches, 1½ inches or two inches. R.R.O. 1970, Reg. 647, s. 52.

**53.—(1)** The direction of the slope of drainage piping, storm drainage piping and the piping in the vent system shall be such that sewage and all moisture accumulating in such piping shall drain toward the main storm sewer, main sewer, sump, sewage tank or other place of disposal on the property.

(2) Every unconnected opening in drainage piping and unconnected opening in vent piping, other than an opening to open air, shall be closed by an airtight cap or plug. R.R.O. 1970, Reg. 647, s. 53.

**54.—(1)** A galvanized vent pipe, drainage pipe or storm drainage pipe shall not be laid underground. R.R.O. 1970, Reg. 647, s. 54 (1).

(2) Drainage piping and storm drainage piping laid under a building and to a point three feet beyond the exterior wall of the building shall be of,

- (a) asbestos cement;
- (b) cast iron;
- (c) concrete;
- (d) copper or brass pipe or copper tube of type L or type K;
- (e) vitrified clay;
- (f) acrylonitrile—butadiene-styrene; or
- (g) poly (vinyl chloride). R.R.O. 1970, Reg. 647, s. 54 (2); O. Reg. 344/71, s. 8; O. Reg. 295/79, s. 9 (1).

(3) Where a drainage pipe or storm drainage pipe of a material specified in clause 2 (a), (c), (e), (f) or (g) is so located that the distance between the top of the pipe and the bottom of the floor over it is less than twenty-four inches, the drainage pipe or storm drainage pipe shall be covered to a depth of not less than three inches by concrete consisting of,

- (a) one part of Portland cement;
- (b) two parts of sand; and
- (c) four parts of gravel or equivalent aggregate. O. Reg. 295/79, s. 9 (2).

(4) The basement floor may constitute the covering required by subsection (3), if the basement floor is composed of the material and is of the thickness required by subsection (3). R.R.O. 1970, Reg. 647, s. 54 (4).

**55.—(1)** Subject to subsections (2), (3), (5) and (6), drainage piping within a building and above the level of the ground shall be of,

- (a) brass;
- (b) cast iron;
- (c) copper;
- (d) galvanized open hearth iron;
- (e) galvanized steel;
- (f) galvanized wrought iron;
- (g) lead;
- (h) acrylonitrile-butadiene-styrene;
- (i) poly (vinyl chloride); or
- (j) asbestos cement of soil pipe grade in sizes three inches and larger, provided all fittings used therewith are certified to CSA Standard B127.1-M1977 and all jointing and coupling devices used therewith are CSA certified for the purpose. R.R.O. 1970, Reg. 647, s. 55 (1); O. Reg. 295/79, s. 10 (1).

(2) Every waste pipe and trap connected thereto that are used to carry sewage that is more corrosive than the sewage in the horizontal branch, soil stack, waste stack or building drain into which it discharges shall be composed of a material that will withstand the corrosive effect of the sewage.

(3) Galvanized open hearth iron piping shall comply with section 33, galvanized steel piping shall comply with section 34, and galvanized wrought iron drainage piping and storm drainage piping shall comply with section 35 or 36, as the case may be. R.R.O. 1970, Reg. 647, s. 55 (2, 3).

(4) Piping for a building sewer shall be not less than 4 inch, trade size, and shall be of,

- (a) asbestos cement;
- (b) cast iron;
- (c) concrete;
- (d) copper or brass;
- (e) vitrified clay;
- (f) acrylonitrile-butadiene-styrene; or
- (g) poly (vinyl chloride). R.R.O. 1970, Reg. 647, s. 55 (5); O. Reg. 295/79, s. 10 (2).

(5) No drainage, service or distributing piping or fittings containing any polymeric plastics shall be used in plumbing unless the piping and fittings have been tested and marked as approved by the Canadian Standards Association as suitable for the purpose for which the piping and fittings are to be used. R.R.O. 1970, Reg. 647, s. 55 (6).

(6) Fittings used with vent pipe, drainage pipe or storm drainage pipe shall be fittings manufactured for use with the vent pipe, drainage pipe or storm drainage pipe and shall either be of the same material as the pipe with which the fitting is to be used, or shall be of,

- (a) copper;
- (b) brass;
- (c) bronze;
- (d) monel;
- (e) grey cast iron;
- (f) malleable iron;
- (g) ductile cast iron;
- (h) open hearth iron;
- (i) wrought iron;
- (j) carbon steel;
- (k) alloyed steel;
- (l) stainless steel;
- (m) lead;
- (n) asbestos cement;
- (o) concrete;
- (p) vitrified clay;
- (q) polyethylene;
- (r) poly (vinyl chloride);
- (s) acrylonitrile-butadiene-styrene;
- (t) nylon;
- (u) delrin;
- (v) polypropylene;
- (w) epoxy resin; or
- (x) phenolic resin,

but no coupling or other fitting shall be less resistant to shock, impact, soil stresses or corrosion than the pipe with which it is used, and under all comparative tests the couplings, fittings and connections to the pipe shall remain watertight. O. Reg. 158/73, s. 13 (2); O. Reg. 295/79, s. 10 (3).

56. Where a building drain is placed above the lowest floor of a building, as described in subsec-

tion 138 (5), the building drain may be of asbestos cement that is "Soil Pipe Grade". R.R.O. 1970, Reg. 647, s. 56.

57.—(1) Asbestos cement drainage piping that is not soil pipe and that is of a trade size itemized in column 1 of Table 10 shall have,

- (a) a wall thickness not less than that prescribed in column 2;
- (b) flexural strength to withstand a total load not less than that prescribed in column 3 when one-half of that load is applied simultaneously at each of two points in a span not longer than that prescribed in column 4 and the points are equidistant from each other and from the ends of the span; and
- (c) supporting strength to withstand external crushing pressure not less than that prescribed in column 5, where the pressure is applied by the three-bearing method to each linear foot of the piping.

(2) The tensile strength of asbestos cement sewer piping of eight inches or larger, trade size, shall be sufficient to withstand internal hydrostatic pressure of not less than 50 p.s.i.

(3) Asbestos cement soil piping of a trade size itemized in column 1 of Table 10 shall have,

- (a) a wall thickness not less than that prescribed in column 2;
- (b) flexural strength to withstand a total load not less than that prescribed in column 3 when one-half of that load is applied simultaneously at each of two points in a span not longer than that prescribed in column 4 and the points are equidistant from each other and from the ends of the span; and
- (c) supporting strength to withstand external crushing pressure not less than 3,000 pounds per foot of pipe where the pressure is applied by the three-bearing method to each linear foot of the piping. R.R.O. 1970, Reg. 647, s. 57.

58. The joints between the fittings and asbestos cement pipe shall be made with rubber rings or be of the compression type. R.R.O. 1970, Reg. 647, s. 58.

59.—(1) Subject to subsection (3), each five-foot length of cast iron drainage pipe or vent pipe with a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 2 and each ten-foot length of cast iron drainage pipe or vent pipe with

a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 3. O. Reg. 158/73, s. 14.

(2) Each five-foot length of cast iron drainage pipe or vent pipe with a double hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 4.

(3) Each five-foot length of extra heavy cast iron drainage pipe or vent pipe with a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed in column 5, and each 10-foot length of extra heavy cast iron drainage pipe or vent pipe with a single hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 6.

(4) Each five-foot length of extra heavy cast iron drainage pipe or vent pipe with a double hub of a trade size itemized in column 1 of Table 12 shall have not less than the weight prescribed opposite thereto in column 7.

(5) Cast iron drainage pipe or vent pipe shall be extra heavy where cast iron drainage pipe or vent pipe of the weight determined under subsection (1) is not likely to withstand service conditions to which it may be subjected or is likely to become a hazard to health. R.R.O. 1970, Reg. 647, s. 60 (2-5).

(6) Where extra heavy cast iron drainage pipe is required, cast iron drainage pipe certified to the Canadian Standards Association Standard B 70, as revised May, 1971, shall be acceptable. O. Reg. 344/71, s. 9.

(7) Cast iron drainage pipe and vent pipe shall not contain more than,

- (a) .11 per cent of sulphur; or
- (b) .9 per cent of phosphorus,

and shall be of material so composed that a twenty-inch test rod of the same composition, with a diameter of 1.2 inches, does not break and is not deflected at the centre more than .2 inch when the rod is supported on two rests eighteen inches apart and subjected to a load of 1,750 pounds applied midway between the rests.

(8) Cast iron drainage pipe and vent pipe shall have,

- (a) tensile strength to withstand,
  - (i) a hydrostatic internal pressure of not less than 50 p.s.i., or
  - (ii) a pneumatic internal pressure of not less than 50 p.s.i. applied when the pipe or fitting is immersed in water;

- (b) hubs and spigots that are truly circular;
- (c) a corrosion retarding coating inside and outside; and
- (d) hubs with a minimum depth of 2½ inches. R.R.O. 1970, Reg. 647, s. 60 (6, 7).

60. Threaded cast iron drainage pipe or vent pipe of a trade size itemized in column 1 of Table 13 shall,

- (a) conform to section 59;
- (b) have a wall thickness of not less than that prescribed in column 2;
- (c) weigh for each linear foot not less than the weight prescribed in column 3; and
- (d) have thread length not less than that prescribed in column 4. R.R.O. 1970, Reg. 647, s. 61.

61. Where a metal pipe is cement lined, the lining shall,

- (a) be of Portland cement and sand in equal parts or other materials producing a mortar having less water solubility and shrinkage than Portland cement and sand in equal parts;
- (b) have a thickness at its thinnest part not less than,
  - (i) ⅛ of an inch, in piping of a trade size up to and including twelve inches,
  - (ii) 3/16 of an inch, in piping of a trade size fourteen inches to twenty-four inches,
  - (iii) ¼ of an inch, in piping of a trade size thirty inches to forty-eight inches; and
- (c) be hard, smooth, cylindrical and free from corrugations and other irregularities that may interfere with the free flow of liquid thirty inches to forty-eight inches; and

62.—(1) The concrete of sewer piping shall be of Portland cement and mineral aggregate that is siliceous or quartzose.

(2) The piping shall,

- (a) not be so porous that, when dry piping is immersed in boiling water for five hours, it absorbs water weighing more than 8 per cent of the dry weight of the piping; and

- (b) have tensile strength to withstand internal hydrostatic pressure of not less than 15 p.s.i.

(3) The barrel of concrete sewer piping of a trade size itemized in column 1 of Table 14 shall have,

- (a) a wall thickness not less than that prescribed in column 2;
- (b) an internal diameter not less than that prescribed in column 3; and
- (c) supporting strength to withstand external pressure of not less than the number of pounds for each linear foot prescribed in column 4, when applied by the three bearing method.

(4) The socket of concrete sewer piping of a trade size itemized in column 1 of Table 14 shall have,

- (a) a wall thickness at a point ¼ of an inch from its outer end not less than ¾ of the wall thickness of the barrel prescribed by clause (3) (a);
- (b) an internal diameter at its mouth not less than that prescribed in column 5; and
- (c) a depth not less than that prescribed in column 6. R.R.O. 1970, Reg. 647, s. 63.

63.—(1) The clay in vitrified clay piping shall contain not less than 75 per cent of aluminum silicate.

(2) The piping shall,

- (a) not be so porous that, when dry piping is immersed in boiling water for five hours, it absorbs water weighing more than 8 per cent of the dry weight of the piping;
- (b) not contain more than .25 per cent of matter soluble in sulphuric acid of 1 normality;
- (c) not contain more than .25 per cent of matter soluble in sodium sulphate, or magnesium sulphate, having a specific gravity of not less than 1.15 and not more than 1.3; and
- (d) have tensile strength to withstand internal hydrostatic pressure of not less than 15 p.s.i.

(3) The barrel of vitrified clay piping of a trade size itemized in column 1 of Table 15 shall have,

- (a) a wall thickness not less than that prescribed in column 2;

(b) an internal diameter not less than that prescribed in column 3; and

(c) supporting strength to withstand external pressure of not less than the number of pounds for each linear foot prescribed in column 4, when applied by the three bearing method.

(4) The socket of vitrified clay piping of a trade size itemized in column 1 of Table 15 shall have,

(a) a wall thickness not less than  $\frac{3}{4}$  of the wall thickness of the barrel prescribed by clause (3) (a);

(b) an internal diameter at  $\frac{1}{2}$  inch above the base of the socket not less than that prescribed in column 5; and

(c) a depth not less than that prescribed in column 6. R.R.O. 1970, Reg. 647, s. 64.

64.—(1) Where poly (vinyl chloride) pipe and fittings are permitted in this Regulation in drain, waste and vent applications above the ground inside a building, the pipe and fittings shall not be used unless they are certified by the Canadian Standards Association as meeting CSA Standard B181.2-1973 and similarly when made of acrylonitrile-butadiene-styrene unless they are certified by the Canadian Standards Association as meeting CSA Standard B181.1-1973. O. Reg. 295/79, s. 12.

(2) Where plastic pipe and fittings are installed as a system in an underground building drain, building storm drain, building sewer or building storm sewer, the pipe and the fittings shall not be installed unless they are certified by the Canadian Standards Association as meeting,

(a) CSA Standard B181.1-1973;

(b) CSA Standard B181.2-1973;

(c) CSA Standard B137.3-1972 except series 80; or

(d) CSA Standard B182.1-1967. O. Reg. 310/76, s. 8, *part*.

65.—(1) Where a run of drainage piping or storm drainage piping of six-inch diameter or less is increased to a larger diameter or reduced to a smaller diameter, such change in diameter shall be accomplished by the use of a fitting which connects the two diameters by a conical section such that the included angle between the center line and the side of the cone does not exceed  $45^\circ$ . O. Reg. 344/71, s. 10.

(2) Where building drains, branches or waste pipes are interconnected in a horizontal plane under a floor slab and where the pipes so interconnected

are not of the same nominal diameter, the change in diameter shall be,

(a) incorporated in the branch fitting; or

(b) where an appropriate branch fitting is not available, made with a minimum number of appropriate reducing or increasing fittings installed within two feet of, and as near as possible to, the branch fitting. O. Reg. 310/76, s. 9.

66. No joint, enlarged connection, fitting, chamber or recess, having in the direction of flow on the outlet or waste side of a trap, a ledge or shoulder that is likely to create a reduction of the pipe area or otherwise interfere with the flow of the liquids in the piping shall be installed in drainage piping. R.R.O. 1970, Reg. 647, s. 67.

67.—(1) A wiped joint in a lead pipe or between lead pipe and other metal shall,

(a) be made of solder with an exposed surface not less than  $\frac{3}{4}$  of an inch on each side of the joint; and

(b) be not less than  $\frac{3}{8}$  of an inch thick at its thickest part.

(2) A wiped flanged joint shall be reinforced with a lead flange projecting all around the pipe not less than  $\frac{3}{4}$  of an inch. R.R.O. 1970, Reg. 647, s. 68.

68. Where a lead joint is burned or welded, the lead shall be lapped and fused to form a uniform weld at least  $1\frac{1}{2}$  times as thick as the lead piping that is being joined. R.R.O. 1970, Reg. 647, s. 69.

69. The connection of,

(a) the outlet end of a trap to a waste pipe shall, except as otherwise provided in clause (c), be fused, screwed or caulked;

(b) the inlet end of a trap to a waste pipe shall be fused, screwed or caulked or made by means of a slip joint; and

(c) the waste pipe downstream from any vented fixture trap may have between the trap seal and the vent a maximum of one slip joint, if the slip joint is readily accessible for maintenance and repair. R.R.O. 1970, Reg. 647, s. 70; O. Reg. 295/79, s. 13.

70. Where a slip joint and a union are used in a trap or in the waste pipe between a trap and a fixture, they shall be so installed so as to be readily accessible. R.R.O. 1970, Reg. 647, s. 71.

71.—(1) Subject to section 72, every joint between a cast iron pipe and a pipe made of cast

iron, wrought iron, steel, brass or copper or between a cast iron pipe and a copper tube shall be,

- (a) lead caulked;
- (b) screwed;
- (c) made with hot-poured sulphur compound; or
- (d) made of asbestos cement containing not less than 39 per cent of asbestos, 54 per cent of Portland cement, 4.3 per cent of hyalime and 1.4 per cent of sodium carbonate so that the joint is watertight and capable of withstanding temperatures of up to 300° F.

(2) Where a lead pipe is joined to a cast iron pipe, wrought iron pipe or steel pipe, the joint shall be wiped to a caulking ferrule or a soldering nipple.

(3) Soldering nipples shall not be used on drainage piping. R.R.O. 1970, Reg. 647, s. 72 (1-3).

(4) Where copper tubing of any trade size is joined to a pipe or fitting of another material by caulking it into a hub or belled end, the copper tube shall be provided with a ferrule or adapter of a type and size designed for the purpose.

(5) Where copper tubing of any trade size is joined to a pipe or fitting of another material and the connection is made by gasketed mechanical joints, the copper tube and other material shall be of compatible diameter before being so connected.

(6) Where the outside diameter of a copper tube must be increased to comply with subsection (5), fused bushings or adapters shall be used, except that a rolled bead may be used on the end of a DWV tube where it is sufficient to provide a strong watertight joint.

(7) No mechanical joint shall be used on a copper tube expanded by flanging or flaring. O. Reg. 310/76, s. 10.

(8) Where steel or malleable cast iron pipe is caulked into a hub, it shall be the same trade size as the hub. R.R.O. 1970, Reg. 647, s. 72 (5).

72.—(1) In this section,

- (a) "clamps" means clamps made of stainless steel not less than 0.025 of an inch thick and having sufficient strength to compress a metal shield and gasket around the pipe to form a water-tight joint;
- (b) "gasket" means a gasket made of butyl rubber or neoprene and containing no adulterants or reclaimed material and hav-

ing a compression set after twenty-four hours at 158° Fahrenheit of not more than 15 per cent;

- (c) "height of a stack" means the difference in elevation between the end of the stack in the open air and the point of intersection of the centre lines of the stack and the building drain or the highest part of the sewage tank to which the stack is connected;
- (d) "metal shield" means a shield not less than .008 of an inch thick made of stainless steel or other metal equal in tensile strength and corrosion resistance to stainless steel.

(2) Subject to subsection (5), where a joint is in a cast iron stack, not exceeding forty feet in height or is in cast iron drainage piping other than a stack or is in vent piping (cast iron) or is in cast iron storm drainage piping, the joint may be made by,

- (a) inserting the plain end of the pipe into a tubular elastic gasket surrounded by a metal shield and compressed by clamps;
- (b) inserting a tubular elastic gasket into the hub of one pipe end and inserting the plain or spigot end of the other pipe into the tubular elastic gasket;
- (c) inserting the plain ends of two pipes into annular gaskets and inserting the plain ends of the pipes together with the gaskets into opposite ends of a coupling or fitting designed for a compression type joint; or
- (d) any other mechanical connection that is marked as approved for the purpose by the Canadian Standards Association.

(3) Where a joint is made between pipes by a method specified in subsection (2), no pipe, fittings, clamps, gaskets or metal shields shall be installed unless the manufacturer has permanently marked the fittings, clamps, gaskets and metal shields and the pipe at intervals of not more than five feet throughout the length of the pipe with the class and trade size of the pipe and the identification of the manufacturer.

(4) Where bolts, nuts or screws are used in clamps they shall be of stainless steel.

(5) The stack constructed of cast iron pipe and joints, specified in subsection (2) may exceed forty feet in height, provided it contains enough hub and spigot joints or other projections cast into the pipe and provided the anchors required by section 20 are placed immediately below each hub and spigot joint or other projection in the stack. R.R.O. 1970, Reg. 647, s. 73.

73. A joint in concrete sewer pipe shall be hot-poured, cemented or of the compression type. R.R.O. 1970, Reg. 647, s. 74.

74.—(1) A caulked joint in a cast iron drainage pipe shall be,

- (a) made with the spigot end below the hub end in the direction of flow;
- (b) firmly packed with oakum or hemp;
- (c) secured with caulking lead not less than one inch deep; and
- (d) tightly caulked.

(2) No paint, varnish, putty or other coating shall be applied on the jointing until the joint has been inspected under this Regulation. R.R.O. 1970, Reg. 647, s. 75.

75.—(1) The compound for a hot-poured joint shall be applied in a viscous state.

(2) Sulphur compound used in a hot-poured joint shall,

- (a) be of such composition as not to re-soften at a temperature below 200° F.;
- (b) have tensile strength at least sufficient that a bar one inch square in cross-section will not break when subjected to a pull of 600 pounds after the bar has been immersed for ten cycles specified in subsection (3).

(3) Each immersion cycle shall consist of,

- (a) immersion for five minutes in water at 195 to 200° F.; and
- (b) immersion for five minutes in water at 32° F.

(4) Asphaltic compound shall be of such composition as not to re-soften at a temperature below 160° F.

(5) An asphaltic hot-poured joint shall be,

- (a) rammed with twisted oakum;
- (b) caulked closely; and
- (c) at least one inch deep all around the pipe. R.R.O. 1970, Reg. 647, s. 76.

76.—(1) A cement joint for vitrified clay or concrete pipe larger than six inches, trade size, shall be made by ramming into the annular space between the pipes a closely-twisted gasket of hemp or oakum and filling with wet mortar consisting of equal parts of Portland cement and clean, sharp mortar sand.

(2) Before use, the mortar shall be tempered for not less than twenty minutes but not more than one hour.

(3) A cement joint for piping of six inches or smaller, trade size, shall be made by grouting the annular space between the pipes with pure Portland cement.

(4) Every joint referred to in subsection (1) or (3) shall be carefully banked, and the inside of the piping shall be thoroughly cleaned and swabbed before the mortar or grout dries. R.R.O. 1970, Reg. 647, s. 77.

77. Joints in vitrified clay piping or between a vitrified clay pipe and a metal pipe shall be hot-poured, cemented or of the compression type. R.R.O. 1970, Reg. 647, s. 78.

78.—(1) Subject to subsection (5), storm drainage piping above ground inside a building shall be of,

- (a) brass;
- (b) cast iron;
- (c) copper;
- (d) galvanized open hearth iron;
- (e) galvanized steel;
- (f) galvanized wrought iron;
- (g) lead;
- (h) acrylonitrile-butadiene-styrene certified DWV to CSA Standard B181.1 1973;
- (i) poly (vinyl chloride) certified DWV to CSA Standard B181.2 1973 or certified SDR pressure pipe to CSA Standard B137.3 1972 and being Series 100 or greater and having an SDR not greater than 32.5;
- (j) asbestos cement (soil pipe grade); or
- (k) polyethylene. R.R.O. 1970, Reg. 647, s. 79 (1); O. Reg. 310/76, s. 11 (1); O. Reg. 295/79, s. 14.

(2) Where storm drainage piping connects to drainage piping, a trap with an accessible clean-out shall be installed in the storm drainage piping.

(3) Where a waste pipe connects to storm drainage piping, a back water valve or a check valve shall be installed in the waste pipe between its fixture trap and the connection.

(4) Where the trap required by subsection (2), is located at a point less than three feet from the drainage piping, the connection of the storm drainage piping to the drainage piping shall be made at

a point above the horizontal centre line of the drainage piping.

(5) Storm drainage piping that is above ground level inside a building and is accessible for maintenance may be of black iron or black steel. R.R.O. 1970, Reg. 647, s. 79 (2-5).

(6) Foundation drains shall not be the subject of this Regulation with respect to size, choice of material or installation but, where foundation drains connect to drainage piping or storm drainage piping, the connection shall be subject to section 147. O. Reg. 344/71, s. 11.

(7) No roof hopper shall be connected to a rain water leader unless it has been manufactured or fabricated so that,

(a) standard piping of the materials itemized in subsection (1) may be securely connected thereto; and

(b) the connection will be watertight. O. Reg. 310/76, s. 11 (2).

79.—(1) Storm drainage piping shall be interconnected.

(2) Drainage piping shall be interconnected.

(3) Where a municipality permits the disposal of sanitary waste and storm water to the same point, the interconnection of drainage piping and storm drainage piping shall not be made above the level of the building drain. R.R.O. 1970, Reg. 647, s. 80.

#### FIXTURES

80.—(1) A fixture itemized in column 1 of Table 16 shall be deemed to produce an hydraulic load equal to the number of fixture units set out in column 2.

(2) A fixture, other than one referred to in subsection (1), having a waste pipe or trap of a trade size itemized in column 1 of Table 17 shall be deemed to produce an hydraulic load equal to the number of fixture units set out in column 2.

(3) A pump, ejector or other device or equipment discharging water, liquids or water-borne wastes in a continuous or intermittent flow shall be deemed to produce an hydraulic load equal to 2.4 fixture units per gallon per minute of flow. R.R.O. 1970, Reg. 647, s. 81.

81. A fixture, other than,

(a) a water-closet;

(b) a full flush urinal;

(c) a bedpan washer; or

(d) a fixture receiving wastes like those from fixtures specified in clauses (a), (b) and (c),

shall be provided with a strong metallic or porcelain strainer having an outlet area not less than that of the interior of the trap or waste pipe of the fixture. R.R.O. 1970, Reg. 647, s. 82.

82.—(1) A floor drain,

(a) in any room where a sanitary unit is installed; or

(b) in any room where a food or beverage, not in hermetically sealed containers, is stored, prepared or served,

shall be deemed to be a fixture, shall be described as a Class 1 drain, and

(c) shall be made of metal;

(d) shall have a strainer inlet made of metal;

(e) where the floor in or under which the floor drain is located is in direct contact with the earth, shall have a trap of a diameter of at least three inch, trade size;

(f) where the floor in or under which the floor drain is located is not in direct contact with the earth, shall have a trap with a diameter of at least two inches, trade size; and

(g) shall be trapped so that under normal conditions of use a mechanical device, that is accessible for maintenance and repair, discharges a supply of water through the trap sufficient to keep its water seal from evaporating. O. Reg. 310/76, s. 12 (1).

(2) A floor drain in a residential, commercial or industrial room or area where the floor drain is not required to be a Class 1 or Class 3 drain shall be described as a Class 2 drain and,

(a) where the floor in or under which a Class 2 drain is located is in direct contact with the earth,

(i) the drain shall have a strainer inlet made of metal,

(ii) the drain shall have a trap with a diameter of at least three inches, trade size, and

(iii) the total fall of the drainage piping connected to the drain shall not exceed the diameter of the piping; and

(b) where the floor in or under which a Class 2 drain is located is not in direct contact with the earth, the drain shall,

- (i) be made of metal, including the strainer,
- (ii) be deemed to be a fixture, and
- (iii) have a trap of a diameter of at least two inches, trade size.

(3) A floor drain in a commercial, residential or industrial room or area where only non-inflammable substances or substances not subject to rapid putrefaction enter the drainage piping or are stored in containers not hermetically sealed shall be described as a Class 3 drain and,

- (a) where a floor in or under which a Class 3 drain is located is in direct contact with the earth, the drain shall have,
  - (i) a strainer inlet made of metal, and
  - (ii) an outlet of a diameter of at least three inches, trade size; and
- (b) where a floor in or under which a Class 3 drain is located is not in direct contact with the earth, the drain shall,
  - (i) be made of metal, including the strainer inlet, and
  - (ii) have an outlet of a diameter of at least two inches, trade size.

(4) Where a waste pipe three feet or less in length connects a Class 1, Class 2 or Class 3 floor drain to a building drain at a point three feet or less from a stack, the connection shall be made above the horizontal centre line of the building drain. R.R.O. 1970, Reg. 647, s. 83 (2-4).

(5) The drainage piping of a Class 3 drain shall connect to a trap that is vented in accordance with section 108 if the trap is not located in the ground or is not in a floor that is on the ground, and where Class 3 drains are arranged in a group of two or more, their drainage piping may connect to the same trap if the trap is located on the same floor as the drain. O. Reg. 158/73, s. 15 (1).

(6) A floor drain in a room or area in which a floor drain is not required to be a Class 1, Class 2 or Class 3 drain and in which vehicular traffic occurs shall be a Class 4 drain and shall,

- (a) be made of metal or concrete with a perforated metal cover of sufficient strength to support the vehicular traffic;
- (b) be connected to a drainage pipe of a diameter of at least three inches, trade size;
- (c) have a trap with a trap seal of at least six inches and a cleanout; and
- (d) not be installed in any dwelling. R.R.O. 1970, Reg. 647, s. 83 (6).

(7) Floor drains in a parking garage shall be,

- (a) individually trapped and connected directly to drainage piping;
- (b) gang trapped and connected directly to drainage piping; or
- (c) connected to an indirect waste system with or without traps depending on the need to control vapour movement. O. Reg. 344/71, s. 12 (1).

(8) The traps required for Class 2, Class 3 and Class 4 floor drains shall, under normal conditions of use, have a supply of water flowing through them sufficient to keep their trap seals from evaporating.

(9) No floor drain shall be connected to storm drainage piping.

(10) A floor drain in a garage, that is to be used as a repair or service shop as opposed to a parking garage, shall connect to an interceptor installed in accordance with subsection 97 (3) or (4).

(11) No floor drain in a room or area in which a furnace or boiler is located shall connect to any drain pipe that might convey inflammable substances. R.R.O. 1970, Reg. 647, s. 83 (8-11).

(12) Where a device to furnish water to a trap is installed, the pipe or tube conveying water from the device to the trap shall be at least  $\frac{3}{8}$  inch, inside diameter. O. Reg. 310/76, s. 12 (2).

(13) Where a floor drain is certified to a Canadian Standards Association document, materials other than those specified in this section shall be acceptable providing Canadian Standards Association tests indicate that the performance and service life of the floor drain will not be diminished by the use of the alternate material. O. Reg. 344/71, s. 12 (2).

(14) The grate or strainer of every floor drain shall be removable and replaceable without the removal or replacement of any grout, mortar or adhesive and shall be firmly held when in place, and whereas a grate laid in a recess shall be deemed satisfactory if there is no tendency for it to dislodge, where such a tendency exists it shall be held in place with bolts or screws that comply with subsection 6 (4). O. Reg. 158/73, s. 15 (2).

(15) Where a drain is intended to serve as a hub drain and not a floor drain, the flood level of the drain shall be at least  $1\frac{1}{2}$  inches above the surrounding floor area. O. Reg. 344/71, s. 12 (2), *part*.

(16) Where a waste pipe that is required to be an indirect waste, discharges to a fixture or a floor drain that is not a fixture or a hub drain, the air break between the indirect waste pipe and the fixture or drain

shall be in accordance with the dimensional requirements of section 43. O. Reg. 295/79, s. 15.

83.—(1) Flanges for fixtures having integral traps shall be of,

- (a) brass;
- (b) acrylonitrile-butadiene-styrene;
- (c) poly (vinyl chloride); or
- (d) copper.

(2) Bolts, washers and nuts used in connection with the flanges shall be of brass.

(3) Where the flanges referred to in subsection (1) are made of the material referred to in clause (a) or (d) thereof, the flanges shall be adapted for soldering to lead or copper drainage pipe or copper tube.

(4) Flanges of the material referred to in subsection (1) shall be sufficiently rigid to produce a water-tight joint between the flange and the fixture to which the flange is attached. R.R.O. 1970, Reg. 647, s. 84.

84. A water closet shall be so installed that a live load placed upon it is not transmitted to the mounting flange or the connected piping. R.R.O. 1970, Reg. 647, s. 85.

#### TRAPS

85.—(1) In this section,

- (a) "bell trap" means a trap where the pipe conveying water from the trap is covered by a bell so that the water flowing through the trap passes under the rim of the bell and over the end of the pipe;
- (b) "bottle trap" means a trap that retains liquids in a closed chamber and the water seal of which is made by submerging the inlet or outlet pipe in the liquids or by a partition submerged in the liquids;
- (c) "drum trap" means a trap where the inlet and outlet ends are in the sides of the cylinder of the trap;
- (d) "mechanically controlled seal" means any device in a trap whereby the water seal of the trap is replenished by the action of moving parts;
- (e) "moving parts" does not include valves and other devices controlling the flushing of the fixture served by the trap. R.R.O. 1970, Reg. 647, s. 86 (1).

(2) No drum trap shall be used in plumbing.

(3) No bell trap shall be used as a fixture trap.

(4) No bottle trap shall be used in plumbing. R.R.O. 1970, Reg. 647, s. 86 (3-5).

86.—(1) In this section, "double trapping" means a mode of construction of drainage piping by which the discharge from a fixture passes through two traps between which there is no vent or air gap for the relief of air from the system.

(2) Drainage piping shall be so constructed that there is no double trapping. R.R.O. 1970, Reg. 647, s. 87.

87. No vent shall be made in the crown of a trap. R.R.O. 1970, Reg. 647, s. 88.

88. A trap shall,

- (a) have a trap seal not less than 1½ inches; and
- (b) be so set that its water seal is kept constant. R.R.O. 1970, Reg. 647, s. 89.

89.—(1) A trap and the pipe connecting the trap to a fixture itemized in column 1 of Table 18 shall be of a trade size not smaller than that prescribed in column 2.

(2) The outlet end of a trap shall not be connected to a waste pipe smaller than the trap it serves.

(3) The waste pipe for a fixture having an integral trap shall be not smaller than the fixture outlet. R.R.O. 1970, Reg. 647, s. 90.

90.—(1) The trap seal of a vitrified clay trap shall be not less than,

- (a) two inches for a trap of four inches, trade size;
- (b) 2½ inches for a trap of a trade size six inches or eight inches. R.R.O. 1970, Reg. 647, s. 91.

(2) Where drainage piping is extended into a sump or manhole so that the pipe inlet or outlet may be submerged in the liquid and thereby form the required trap seal, the pipe, elbow, tee or other fitting in the sump or manhole shall be of metal, securely attached to the pipe and so located that the clear opening from the pipe fitting to the opposite side of the sump or manhole shall be not less than twelve inches. O. Reg. 158/73, s. 16 (2).

91.—(1) Subject to subsections (3) and (4), each fixture shall be separately trapped by a water sealed trap placed as close as possible to the fixture.

(2) The developed length of the vertical leg of the waste pipe between a fixture and its trap shall not exceed three feet. R.R.O. 1970, Reg. 647, s. 92 (1, 2).

(3) Where washing or dry cleaning machines or sinks, other than sinks through which food stuffs, excreta or organic substances are discharged into drainage piping, are located in the same room and are arranged in groups of two or more, the fixtures may be gang trapped. O. Reg. 158/73, s. 17.

(4) The waste pipes of,

- (a) a sink having two or three compartments;
- (b) two adjoining laundry trays, each tray having one or more compartments;
- (c) two or three adjoining sinks, each sink having one or more compartments; or
- (d) any combination of a sink, laundry tray, commercial glass washer or dish washer having a total number of fixture units not exceeding that permitted by Table 19,

may connect to the same trap if the developed length of the waste pipe between the centre of the water level of the trap and the point where the waste pipe leaves the fixture that is farthest from the trap is not more than thirty-six inches.

(5) For the purpose of section 121, each compartment of a multiple compartment tray or sink shall be deemed to be a fixture. R.R.O. 1970, Reg. 647, s. 92 (4, 5).

92.—(1) Where more than one dishwasher or one sink having two or three compartments discharge through the same grease interceptor, each dishwasher and sink shall be trapped and vented in accordance with subsection 91 (1) and subsection 108 (1).

(2) Where a grease interceptor is installed so that it meets all tests and requirements in this Regulation for a fixture trap in respect to location and function, it may also serve as a fixture trap, and no separate fixture trap is required. O. Reg. 310/76, s. 13.

93. No waste pipe outlet shall connect to the trap, lead bend or lead stub of a water-closet. R.R.O. 1970, Reg. 647, s. 94.

94.—(1) Where a building trap is installed,

- (a) subject to subsection (2), the building trap shall be located in a place that is readily accessible for the purpose of cleaning and inside the building and as close as practicable to the wall through which the drain enters the building; and
- (b) a vent pipe not smaller than four inches, trade size, and terminating at least one foot above the ground or above the roof of the building shall be connected to the building drain on the inlet side of the trap and within

four feet of the inlet of the trap and shall be screened or capped so as to prevent the entry of foreign matter and permit the free flow of air.

(2) A building trap may be installed outside the wall of the building if the building trap is readily accessible for the purpose of cleaning and repair by means of a manhole lined with concrete or masonry and securely covered.

(3) A building trap shall have an accessible clean-out. R.R.O. 1970, Reg. 647, s. 95.

95.—(1) Subject to subsections (2) and (3), every fixture trap shall have at its lowest point a screw that is of a diameter of not less than one-half of that of the trap and so installed that it may be removed for cleaning purposes.

(2) Subsection (1) does not apply to,

- (a) a fixture trap combined with a fixture in which the trap dip is accessible for cleaning purposes;
- (b) a trap of which a portion is removable for cleaning purposes; or
- (c) a trap installed in a waste pipe connected to the drain outlet of a bath tub.

(3) Where a fixture trap referred to in subsection (1) is of metal, the screw shall be of brass and where the trap is of any polymeric plastics the screw shall be composed of the same material as the trap. R.R.O. 1970, Reg. 647, s. 96.

96.—(1) Where a service sink, water-closet or urinal is connected to drainage piping by a flange, the connection shall be,

- (a) made by means of a flange in the manner prescribed in section 69; and
- (b) sealed with a gasket of natural or synthetic rubber or a gasket of compounded asbestos manufactured for the purpose.

(2) The floor flange shall be set on a base of sufficient strength to support the fixture and the liquid in it.

(3) A stall urinal shall be connected to the waste pipe by a universal type strainer spud. R.R.O. 1970, Reg. 647, s. 97.

#### INTERCEPTORS

97.—(1) No interceptor shall be installed if a pocket of air is likely to form in it and retard its action.

(2) Every interceptor shall be vented and so located as to be readily accessible for cleaning.

(3) An interceptor manufactured to prevent motor oil or lubricating grease from passing into drainage piping shall be provided with two vents,

- (a) that are not connected to each other or connected to any other pipe;
- (b) each of which discharges into the open air at a point not less than seven feet above ground level; and
- (c) that are connected to the interceptor and,
  - (i) where one or both of the vents extends through and above a roof or wall, that part of the vent from a point below the underside of the roof or the inside of the wall to the open end shall be of a trade size not smaller than three inches, and
  - (ii) where one or both of the vents extends through and above the surface of the ground outside a building, the vent shall be of a trade size not smaller than three inches.

(4) A two or three compartment built-in-location interceptor to prevent motor oil or lubricating grease from passing into drainage piping shall be so constructed that no liquids can enter or leave the interceptor except through pipe openings provided for the purpose and shall be provided with two vents,

- (a) that are connected to the interceptor at opposite ends of the interceptor;
- (b) that are at least three inches in diameter;
- (c) that discharge into the open air at a point not less than seven feet above ground level; and
- (d) that do not connect to any other pipe and do not connect to each other.

(5) Abnormally large flows of waste water that do not contain oil or grease shall not be routed through the interceptor. R.R.O. 1970, Reg. 647, s. 98.

98.—(1) Every grease interceptor installed in a plumbing system shall have sufficient capacity to accommodate without fouling all grease likely to be received between planned maintenance intervals.

(2) When installed in drainage piping, a grease interceptor shall be installed as near as practicable to the fixtures from which it receives the discharge.

(3) A grease interceptor installed in drainage piping shall be subjected to the tests prescribed in section 152 or 153, as the case may be, and shall not leak.

(4) Where a grease trap is also required to function as a fixture trap, it shall, in addition to the tests prescribed in sections 152 and 153, also be tested in accordance with section 154, and the water seal shall not leak.

(5) All grease interceptors shall be so installed as to be accessible for cleaning and all other maintenance which may be periodically required. O. Reg. 310/76, s. 14.

99. An interceptor for sand or other sediments shall have a trap seal of not less than six inches. R.R.O. 1970, Reg. 647, s. 100.

#### WASTE PIPES

100.—(1) Subject to subsection (2), no material other than lead pipe, copper tubing, or plastic pipe that complies with section 64, shall be used to make the connection between a water closet flange and the waste pipe into which the water closet discharges if the waste pipe is of cast iron, galvanized open hearth iron, galvanized steel, galvanized wrought iron or copper.

(2) If cast iron drainage pipe is connected by mechanical joints as permitted by section 72 that incorporate rubber gaskets that permit some movement in the joint, and a water closet flange is designed so that it can be connected directly to the cast iron and so that the resulting joint is then identical to other joints in the cast iron pipe, the pipe and the flange may be so connected without the use of the lead pipe or plastic pipe or copper tube required by subsection (1). R.R.O. 1970, Reg. 647, s. 101.

101.—(1) Not more than two water-closets shall discharge into a three-inch horizontal branch.

(2) Not more than six water-closets shall discharge into a three-inch soil stack.

(3) Not more than two sinks, other than laboratory or bar sinks, shall discharge into a 1½ inch horizontal branch.

(4) Not more than three sinks, other than laboratory or bar sinks, located on one floor shall discharge into a 1½ inch waste stack.

(5) Not more than four sinks, other than laboratory or bar sinks, if not more than two sinks are located on one floor shall discharge into a 1½ inch waste stack. R.R.O. 1970, Reg. 647, s. 102.

102.—(1) A horizontal branch consisting of piping of a trade size itemized in column 1 of Table 19 shall not receive discharge from fixtures producing an aggregate hydraulic load greater than the number of fixture units prescribed in column 2. R.R.O. 1970, Reg. 647, s. 103.

(2) Notwithstanding section 80, where waste piping is directly or indirectly connected to and serving plumbing appliances or other sources of waste discharge not rated in fixture units, the waste piping shall be sized in accordance with Tables 27 and 28. O. Reg. 310/76, s. 15.

## STACKS

103.—(1) A waste stack or soil stack of a trade size itemized in column 1 of Table 20, shall not receive discharge from fixtures producing an aggregate hydraulic load greater than the number of fixture units prescribed in column 2.

(2) The aggregate hydraulic load discharged at any storey of a stack referred to in subsection (1) shall not be greater than the number of fixture units prescribed in column 3 of Table 20. R.R.O. 1970, Reg. 647, s. 104.

(3) Where a stack is offset by an amount greater than five feet perpendicular distance, the stack shall, for the purpose of sizing, be deemed to be discontinuous and the offset shall be deemed to not be part of the stack, but instead shall be regarded as drainage pipe either horizontal or vertical, as the case may be, and shall be sized in accordance with Table 19 or 20, as the case may be. O. Reg. 310/76, s. 16.

104.—(1) Where a soil stack, waste stack, vent stack, rainwater leader or vertical waste pipe is connected to the building drain or a building storm drain or a branch thereof, the exact point of transition between the building drain and the stack or vertical waste pipe shall be determined in accordance with subsections 138 (4) and (5). O. Reg. 344/71, s. 15, *part*.

(2) Where the soil stack, waste stack, vent stack, rain water leader or vertical waste pipe is connected to a building drain, building storm drain or branch of either, that is of a diameter larger than the stack, leader or waste pipe, then the change in diameter shall be made at or above the change in direction from vertical to horizontal. O. Reg. 158/73, s. 19.

(3) Where the transition point is buried underground, all material used downstream of the transition point shall be in conformance with section 54.

(4) Structural support provided at the base of a stack or rainwater leader shall be adequate to maintain the pipe alignment with due allowances made for the weight of the pipe and any water which may be contained therein, and also for other supports which may be so designed as to carry part or all of the pipe and its contents.

(5) Nothing in this section shall preclude the installation below a floor slab supported on earth, of any drainage pipe of the minimum size permitted by section 102. O. Reg. 344/71, s. 15, *part*.

## VENTING

105. Sections 106 to 135 do not apply to,

- (a) area drains;
- (b) backwater valves;
- (c) leader traps; or
- (d) subsoil catch basin traps. O. Reg. 310/76, s. 17, *part*.

106. Every system of drainage piping shall be protected by a vent system installed in the manner prescribed in this section and sections 107 to 135. O. Reg. 310/76, s. 17, *part*.

107.—(1) Every vent pipe not terminating in open air shall be connected to a vent stack or stack vent. R.R.O. 1970, Reg. 647, s. 108 (1).

(2) Every building drain shall be,

- (a) provided with a vent stack, a waste stack or a soil stack of a diameter of not less than three inches that extends vertically through the roof of the building; or
- (b) connected to a vent stack that is erected in accordance with subsection 129 (3) and is of a diameter of not less than three inches. R.R.O. 1970, Reg. 647, s. 108 (2); O. Reg. 310/76, s. 18 (1).

(3) Where a plumbing system is installed in a building, every storey in which plumbing is or may be installed, including the basement of a single-family dwelling, shall have extended into it or passing through it, a vent pipe with a minimum diameter of one and one-half inches. O. Reg. 310/76, s. 18 (2).

108.—(1) Subject to subsection (4) and to section 122, where a fixture trap is a P trap, it shall have a protecting vent pipe connected to the waste pipe into which the fixture discharges within five feet of the centre of the inlet end of the P trap, and where a fixture trap is an integral trap, it shall have a protecting vent pipe connected to the waste into which the fixture discharges within five feet of the centre of the inlet end of the waste pipe, and if the waste pipe within the specified five feet horizontal distance contains a change of direction, then the developed length of the horizontal pipe between the trap inlet and the vent connection shall not exceed five feet. O. Reg. 158/73, s. 20.

(2) A grease interceptor shall have a protecting vent pipe connected to the waste pipe within five feet of the grease interceptor outlet.

(3) The section of waste pipe to which the vent pipe is connected between the trap and the vent pipe shall,

- (a) contain not more than one 90° bend or two 45° bends; or
  - (b) if the trap is an integral trap through which a fixture discharges vertically, contain not more than two 90° bends or one 90° bend and two 45° bends. R.R.O. 1970, Reg. 647, s. 109 (1-3).
- (4) A protecting vent pipe is not required under subsection (1) where,
- (a) the highest horizontal waste pipe connected to a soil or waste stack receives the discharge from only one fixture and the trap inlet or the vertical discharge from an integral trap is not more than five feet from the soil stack or waste stack;
  - (b) fixtures with traps having a minimum trade size of three inches discharge into a waste pipe connected to a soil stack or waste stack at a point not more than five feet from the soil stack or waste stack and downstream from fixtures that,
    - (i) discharge an hydraulic load totalling not more than six fixture units, of which no fixture has a trap or waste pipe larger than two inches into a soil stack or waste stack with a diameter of not less than three inches, and
    - (ii) are all on one floor level;
  - (c) the fixtures,
    - (i) have waste outlets of a diameter of two inches or less and are located on same floor level,
    - (ii) are connected to a soil stack or waste stack of a diameter of three inches or greater,
    - (iii) discharge an hydraulic load totalling not more than six fixture units, and
    - (iv) discharge into a stack through waste pipes not more than five feet in length; or
  - (d) a water-closet discharges into a horizontal branch of a diameter of at least three inches at a point downstream from normally vented fixtures that discharge an hydraulic load totalling not more than six fixture units, of which no fixture has a trap or waste pipe larger than two inches discharging into the horizontal branch and the water-closet and the fixtures are all on one floor level,
- and where no other fixtures discharge at a higher floor-level into a waste pipe connected to the soil stack or waste stack. O. Reg. 310/76, s. 19.

(5) Waste pipes shall be installed and back vented at the same time. R.R.O. 1970, Reg. 647, s. 109 (5).

109.—(1) Subject to subsection (2), a fixture trap shall have a protecting vent so located that,

- (a) the total fall in the waste pipe from the trap weir to the vent is not greater than the diameter of the waste pipe; and
  - (b) the developed length of the waste pipe from the trap weir to the vent is not less than twice the diameter of the waste pipe.
- (2) Subsection (1) does not apply to,
- (a) water-closets;
  - (b) pedestal urinals;
  - (c) trap standards;
  - (d) fixtures that depend on siphonic action for the proper functioning of the fixture; and
  - (e) connections that do not exceed one Y and one eighth-bend between the trap outlet and the vent. R.R.O. 1970, Reg. 647, s. 110.

110.—(1) Subject to subsection (2), a vent pipe shall be of brass, cast iron, copper, galvanized open hearth iron, galvanized steel, galvanized wrought iron, lead, acrylonitrile-butadiene-styrene or poly (vinyl chloride).

(2) Where in compliance with subsection 55 (2), the drainage piping is of material other than that listed in subsection 55 (1), the vent piping connected thereto may be of the same material as the drainage piping and shall, in any event, be of material that will withstand the corrosive effect of the vapours that it may encounter. R.R.O. 1970, Reg. 647, s. 111.

111.—(1) The vent pipe venting a fixture trap of a size itemized in column 1 of Table 21 shall be of a trade size not smaller than that prescribed in column 2.

(2) No vent pipe smaller than 1¼ inches, trade size, shall be installed. R.R.O. 1970, Reg. 647, s. 112.

112.—(1) A branch vent, vent stack or stack vent of 1¼ inches, trade size shall have connected to it not more than four vent pipes of 1¼ inches, trade size.

(2) A branch vent, vent stack or stack vent of 1½ inches, trade size shall have connected to it not more than,

- (a) twelve vent pipes of 1¼ inches, trade size;
- (b) six vent pipes of 1½ inches, trade size, other than water-closet vent pipes;

- (c) two water-closet vent pipes of 1½ inches, trade size;
- (d) one water-closet vent pipe of 1½ inches, trade size, and four other vent pipes of 1¼ inches, trade size;
- (e) two vent pipes of 1½ inches, trade size, one of which is a back vent protecting a fixture trap for a water-closet, and two other vent pipes of 1¼ inch, trade size; or
- (f) three vent pipes of 1½ inches, trade size, one of which is a back vent protecting a fixture trap for a water-closet.

(3) A loop vent, circuit vent, relief vent, branch vent, vent stack, yoke vent or stack vent of 2 inch trade size shall have connected to it not more than,

- (a) fifty vent pipes of 1¼ inches, trade size;
- (b) twenty-five vent pipes of 1½ inches, trade size, other than water-closet vent pipes; or
- (c) six water-closet vent pipes of 1½ inches, trade size, and
  - (i) twelve other vent pipes of 1½ inches, trade size,
  - (ii) twenty-five vent pipes of 1¼ inches, trade size, or
  - (iii) a combination of the pipes mentioned in subclauses (i) and (ii), in which a 1½-inch vent pipe is deemed to be equivalent to two 1¼-inch vent pipes.

(4) A branch vent, yoke vent, loop vent, circuit vent, relief vent, vent stack or stack vent of 2½ inches, trade size shall have connected to it not more than ten water-closet vent pipes of 1½ inches, trade size, and

- (a) twelve other vent pipes of 1½ inches, trade size; or
- (b) twenty-five vent pipes of 1¼ inches, trade size. R.R.O. 1970, Reg. 647, s. 113 (1-4).

(5) The waste pipe from any single fixture of a diameter of not more than one and one-half inches may connect,

- (a) to a yoke vent of two inches, trade size or greater; or
- (b) to a circuit vent, loop vent or relief vent of two inches, trade size or greater that serves fixtures on only one floor,

and in every instance the connection of the fixture drain to the vent pipe shall be on the same storey as the fixture. O. Reg. 310/76, s. 20 (1).

(6) For the purpose of this section, in calculating vent sizes each fixture trap represents one vent. R.R.O. 1970, Reg. 647, s. 113 (6).

(7) Where the lower end of a vent stack connects to a soil stack, waste stack or building drain in accordance with subsection 129 (2), a waste pipe of a diameter of not more than one and one-half inches serving a single fixture may connect to the vent stack, and in every instance the location of the fixture and the connection of the waste pipe to the vent stack shall be on the same storey as the connection of the vent stack to the soil stack, waste stack or building drain, as the case may be. O. Reg. 310/76, s. 20 (2).

113. Where a single family dwelling has in the basement a vent pipe not smaller than 1¼ inches, trade size, that pipe may be used to vent one water-closet and one wash basin both located in the basement if the vent connecting the water-closet or the wash basin to the vent pipe is not smaller than 1½ inches, trade size. R.R.O. 1970, Reg. 647, s. 114.

114. A vent pipe or vent stack of a trade size itemized in column 1 of Table 22 shall not have a length greater than that prescribed in column 2. R.R.O. 1970, Reg. 647, s. 115.

115.—(1) For the purposes of section 114, the length of branch vents, vent stacks and stack vents shall be computed in the manner prescribed in subsections (2), (3) and (4).

(2) The length of a branch vent is the developed length between,

- (a) its connection with the vent stack or stack vent; and
- (b) the waste pipe served by the branch vent.

(3) The length of a vent stack is the developed length between,

- (a) the lowest point at which the vent stack connects to the soil stack, waste stack or building drain; and
- (b) the open air terminal of the vent stack.

(4) The length of a stack vent is the developed length between,

- (a) the highest horizontal branch or fixture branch connected to the stack; and
- (b) the open air terminal of the stack vent. R.R.O. 1970, Reg. 647, s. 116.

116. Where fixture traps are circuit vented or loop vented or a protecting vent pipe is not required under subsection 108 (1), no vertical leg of a waste pipe of any of the fixtures shall have a developed length in excess of three feet. R.R.O. 1970, Reg. 647, s. 117.

117.—(1) Where a dry vent connects to horizontal drainage piping, the connection shall be made above the centre line of the drainage piping.

(2) No vent pipe shall be connected to another vent pipe except at a point above the flood level rim of the fixture that the other vent pipe is venting. R.R.O. 1970, Reg. 647, s. 118.

118. A connection between a vent pipe and a vent stack shall be above the flood level rim of the highest fixture served by the vent pipe. R.R.O. 1970, Reg. 647, s. 119.

119. Every vent pipe shall be so graded and so connected that all moisture condensed therein will drain by gravity to a drainage system. O. Reg. 310/76, s. 21.

120.—(1) A back vent installed vertically may be used as a vent pipe for two fixtures when both waste pipes from the fixtures connect on the same level to a vertical waste pipe.

(2) The total fall and developed length prescribed in clauses 109 (1) (a) and (b) apply to each waste pipe installed as permitted by subsection (1).

(3) Where a dual vent is installed in conformance with subsections (1) and (2), no additional vent is required for the traps of the two fixtures served by the two waste pipes. R.R.O. 1970, Reg. 647, s. 121.

121.—(1) Subject to subsections (2) and (3), the waste pipe of not more than two fixtures may serve as the wet vent pipe for one other fixture that uses a half S or a P trap if,

- (a) all such fixtures are on the same floor level;
- (b) at least one of the two wet venting fixtures is served by a continuous waste and vent and no fixture is wet venting two other fixtures;
- (c) the connections of both fixtures are made at different levels, the fixture traps of both fixtures are protected by separate vent pipes, or the connections of both fixtures to the waste pipe serving as a wet vent pipe are made at the same level, using a double waste fitting or double Y;
- (d) the waste pipe serving as a wet vent pipe is of a trade size not less than,
  - (i) 1¼ inches where the fixture being wet vented is connected to a horizontal waste pipe of a trade size of 1¼ inches or 1½ inches,
  - (ii) 1½ inches where the fixture being wet vented is connected to a horizontal waste pipe of a trade size of two inches, or

- (iii) two inches where the fixture being wet vented is connected to a horizontal waste pipe of a trade size of three, four or six inches;

(e) the length of the waste pipe of the fixture being wet vented between the trap inlet and the connection to a waste pipe,

- (i) that becomes the wet vent, and

- (ii) that has a grade of not more than ¼ of an inch to the foot,

is a developed length of not less than eighteen inches and the waste pipe of the fixture being wet vented complies with sections 108 and 109; and

(f) the waste pipe serving as a wet vent pipe has a developed length of not more than twenty feet. R.R.O. 1970, Reg. 647, s. 122 (1); O. Reg. 310/76, s. 22 (1).

(2) Clauses (1) (d) and (e) do not apply to a water-closet, trap standard slop sink, bed pan washer or a pedestal urinal.

(3) The waste pipe of not more than two fixtures may serve as the wet vent pipe for a water-closet, trap standard slop sink, bed pan washer or pedestal urinal if the waste pipe serving as the wet vent is of a trade size not less than two inches and clauses (1) (a), (b) and (c) are complied with.

(4) Where the water closet, trap standard slop sink, bed pan washer or pedestal urinal is wet vented by only one fixture, the wet vent shall be of a minimum of two inches, trade size up to the point where it becomes a dry vent, and where the water-closet, trap standard slop sink, bed pan washer or pedestal urinal is wet vented by two fixtures that are separately vented the wet vent pipe shall be a minimum of two inches, trade size throughout the length that carries the drainage from both fixtures. R.R.O. 1970, Reg. 647, s. 122 (2-4).

(5) A waste pipe serving a siphonic trap shall not be used as a wet vent. O. Reg. 310/76, s. 22 (2).

122.—(1) The fixture traps for sanitary units, floor drains, trap standard slop sinks or traps serving shower heads that are connected to a horizontal branch in series on the same floor level may be vented by a circuit or loop vent if the circuit or loop vent is connected to the branch above the centre line of the branch.

(2) Where a horizontal branch connected to a building drain, waste stack or soil stack is loop vented or circuit vented and the building drain, waste stack or soil stack,

- (a) receives upstream from the connection, drainage in excess of six fixture units;

(b) has connected to it waste pipes or branches larger than two inches, trade size; or

(c) receives drainage from a higher floor level,

the loop vented or circuit vented horizontal branch shall be provided with a relief vent. O. Reg. 310/76, s. 23 (1).

(3) Where not more than six sanitary units, floor drains, trap standard slop sinks or traps serving shower heads are connected in series, the circuit or loop vent shall be connected in front of the last sanitary unit, floor drain, trap standard slop sink or trap serving a shower head in the series.

(4) Where more than six sanitary units, floor drains, trap standard slop sinks or traps serving shower heads are connected in series, a vent shall be provided for each multiple of six sanitary units, floor drains, trap standard slop sinks or traps serving shower heads and a vent shall be provided for any such fixtures in addition to six or any multiple of six, as the case may be, and the vent shall be in addition to the loop or circuit vent referred to in subsection (1).

(5) A loop or circuit vent or vent required by this section shall be of a trade size of at least two inches and may have other vents connected to it as provided in subsection 112 (3).

(6) No waste shall be discharged into a loop or circuit vented horizontal branch pipe from a higher floor level. R.R.O. 1970, Reg. 647, s. 123 (3-6).

(7) A horizontal branch of less than three inch trade size shall not be loop or circuit vented. O. Reg. 310/76, s. 23 (2).

**123.** Where a loop or circuit vent is connected to a waste pipe and a bend is connected to a Y in the waste pipe, the bend shall be not more than sixty inches in length. R.R.O. 1970, Reg. 647, s. 124.

**124.—(1)** Where not more than six circuit or loop vented fixture traps are connected to two or more horizontal branches that connect to the same horizontal branch, the horizontal branches may have a combined relief vent.

(2) The vent pipes shall be connected to the relief vent above the flood level rim of the highest fixtures discharging into the horizontal branches. R.R.O. 1970, Reg. 647, s. 125.

**125.** In buildings other than residential buildings having a stack height of forty feet or less as determined in accordance with clause 72 (1) (c), where a horizontal branch connects to a horizontal offset in a stack, the connection shall be not less than five feet downstream from the base of the vertical section of the stack that discharges into the horizontal offset. O. Reg. 158/73, s. 21.

**126.—(1)** Where a soil stack extends through ten or more storeys of a building, the stack shall be yoke vented for each section of five storeys or part thereof counted from the top down and where the flow changes from vertical to horizontal, the stack shall be yoke vented immediately above the change in direction.

(2) In each section,

(a) the lower end of the yoke vent shall connect to the soil stack through a Y below the horizontal branch from the lowest floor of the section;

(b) the upper end of the yoke vent shall connect to the vent stack not less than three feet above the level of the lowest floor of the section; and

(c) the yoke vent shall be not less than two inches in diameter.

(3) Where a waste stack is yoke vented, any number of storeys may constitute a section for the purposes of subsection (2) and each section shall be yoke vented in accordance with subsection (2).

(4) Where the soil stack in a building of ten or more storeys does not serve the lowest one or more storeys which are instead served by an auxiliary stack, the lowest yoke vent on the soil stack shall connect below the lowest fixture, but need not be at the base of the stack. R.R.O. 1970, Reg. 647, s. 127.

**127.—(1)** Subject to subsections (2) and (3), every sewage tank shall be vented by a vent pipe not smaller than one trade size smaller than the inlet pipe of the sewage tank.

(2) Where the size of vent pipe as computed under subsection (1) is greater than three inches, trade size, vent pipe of three inches, trade size may be used.

(3) Where the inlet pipe of the sewage tank is three inches, trade size, the vent pipe shall be not less than two inches, trade size.

(4) Subject to section 112, other vent pipes may be connected to the vent pipe required by subsection 1. R.R.O. 1970, Reg. 647, s. 128.

**128.—(1)** A vent pipe of a trade size itemized in column 1 of Table 23 shall be deemed to have the cross-sectional area prescribed in column 2.

(2) Where more than two vent stacks of a diameter of at least three inches, trade size, are connected to a header, the header shall be of a size having a cross-sectional area not less than 40 per cent of the sum of the cross-sectional areas of all the vent stacks connected to it.

(3) Where two vent stacks of four inches, or larger, trade size, are connected to a header, the header shall be at least one trade size listed in column 1 of Table 23 larger than the larger of the two stacks connected to it.

(4) Not more than,

- (a) one 3-inch vent pipe or vent stack shall be connected to a 3-inch vent stack or header;
- (b) two 3-inch vent pipes or vent stacks shall be connected to a 4-inch vent stack or header;
- (c) one 4-inch vent pipe or vent stack shall be connected to a 4-inch vent stack or header;
- (d) one 4-inch vent pipe or vent stack shall be connected to a 5-inch vent stack or header; and
- (e) two 4-inch vent pipes or vent stacks shall be connected to a 6-inch vent stack or header. R.R.O. 1970, Reg. 647, s. 129.

129.—(1) Except in a residential building of three storeys or less, where back vents, relief vents, circuit vents or loop vents are required in two or more storeys served by a soil stack or waste stack, a vent stack shall be installed in conjunction with the soil stack or waste stack. O. Reg. 310/76, s. 24 (1).

(2) The vent stack shall,

- (a) have its lower end connected to,
  - (i) the waste stack or soil stack at or below the lowest horizontal waste pipe, or
  - (ii) the building drain, as near as possible to the base of the stack;
- (b) extend to the open air independently, or through a header; and
- (c) shall have a lower end where it is connected to the soil stack, waste stack or building drain large enough to vent half the fixture loading on the soil or waste stack when calculated in accordance with subsection 112 (6) and in no event shall it be less than one and one-half inches. R.R.O. 1970, Reg. 647, s. 130 (2); O. Reg. 158/73, s. 22; O. Reg. 310/76, s. 24 (2); O. Reg. 295/79, s. 16.

(3) Where subsection (1) applies as a result of alteration of the vent system in an existing building, the vent stack may be erected vertically outside the building and changes in direction of the vent stack shall be made by eighth-bends and every part shall be vertical. R.R.O. 1970, Reg. 647, s. 130 (3).

130.—(1) A waste stack or soil stack shall be vented at a point above the flood level rim of the highest fixture discharging directly or indirectly into it.

(2) The venting shall be effected,

- (a) by extension of the stack with pipe of a trade size of not less than three inches vertically through the roof of the building; or
- (b) by connecting the stack to a vent stack by means of a vent pipe that slopes upwards from the waste stack or soil stack to the vent stack. R.R.O. 1970, Reg. 647, s. 131.

131.—(1) Stack vents and vent stacks may be connected together at a point above the flood level rim of the highest fixture served by either of them and thence extended in a single header to the open air. R.R.O. 1970, Reg. 647, s. 132 (1).

(2) A vent header shall connect at one point to a vent stack or stack vent which terminates in open air outside the building where it is installed and shall extend in one or more directions to where all vent stacks or stack vents to be vented through the header have been intercepted by the header.

(3) A vent header shall be sized either in accordance with section 112 or section 128, as the case may be, and the length limitations of section 114 and Table 22 shall also apply. O. Reg. 310/76, s. 25.

132. The discharge end of a stack vent, vent stack or vent pipe terminating in open air shall be located at a distance of not less than three feet above or twelve feet away from any air inlet, window or door of the building or of any adjacent building. R.R.O. 1970, Reg. 647, s. 133.

133.—(1) The part of a waste stack, soil stack or vent stack that extends through and above a roof or wall shall be of a trade size not smaller than three inches.

(2) Where an increaser is installed, the bottom of the larger pipe shall be below the underside of the roof. R.R.O. 1970, Reg. 647, s. 134.

134.—(1) The discharge end of a vent pipe extending through a roof shall extend through the roof at least,

- (a) six inches when the roof is not accessible for use by persons;
- (b) six feet above a roof that is accessible for use by persons.

(2) Where the discharge end is so located that it may become clogged by any cause, it shall be fitted with a shield so constructed as to prevent clogging. R.R.O. 1970, Reg. 647, s. 135.

135.—(1) In this section,

- (a) "alloyed zinc" means an alloy of zinc having the corrosion resistance and physical properties of an alloy containing 0.15 per cent titanium, 0.74 per cent copper and 99.11 per cent zinc and so tempered as to be capable of being formed into the shape required for a water-tight joint;
- (b) "flashing" means a weather stop surrounding a pipe at a place where the pipe protrudes through a roof or an outside wall of a building. R.R.O. 1970, Reg. 647, s. 136 (1).

(2) Where stacks or vent pipes pass through a roof they shall be equipped with a flashing so installed that no storm water can pass between the flashing and the roof nor between the flashing and the pipe or stack. O. Reg. 344/71, s. 17.

(3) Subject to subsection (6), flashing for stacks and vent pipes shall be of copper, aluminium, alloyed zinc, lead or neoprene, and where the flashing is such that it can be replaced without injury to the roof or cladding, it may be of galvanized sheet iron.

(4) Flashing shall be at least twenty inches in length by twenty inches in width, except that on a flat roof the flashing may be circular and the minimum radius of the outside circumference shall exceed the maximum radius of the sleeve or collar by at least four inches. O. Reg. 158/73, s. 23 (1).

(5) Flashing made of,

- (a) lead shall be of lead sheet weighing not less than five pounds per square foot;
- (b) copper shall be of copper sheet weighing not less than ten ounces per square foot;
- (c) aluminum shall be of sheet aluminum weighing not less than 5.5 ounces per square foot;
- (d) alloyed zinc shall be of alloyed zinc sheet weighing not less than 8.1 ounces per square foot;
- (e) neoprene shall weigh not less than 0.722 pounds per square foot; or
- (f) galvanized sheet iron shall not be less than twenty-eight gauge and shall be hot dip galvanized on both sides. R.R.O. 1970, Reg. 647, s. 136 (5); O. Reg. 158/73, s. 23 (2).

(6) Flashings made of material other than those listed in subsection (3) may be used provided they have been marked as approved for the purpose by the Canadian Standards Association. R.R.O. 1970, Reg. 647, s. 136 (6).

(7) Where a sleeve flashing is used on a flat roof and there is no positive water seal between the sleeve

and the stack, the sleeve shall extend at least six inches above the flood level of the roof, and where a sleeve flashing is used on a sloped roof, the shortest side of the sleeve shall extend at least six inches above the roof. O. Reg. 158/73, s. 23 (3).

#### BACKWATER VALVES

136.—(1) No backwater valve shall be installed unless,

- (a) all its bearing parts and balls are of corrosion-resisting material; and
- (b) it is of such construction as to ensure a positive mechanical seal.

(2) A backwater valve shall be so located that it can be readily examined and cleaned. R.R.O. 1970, Reg. 647, s. 137.

#### BUILDING DRAINS AND BUILDING SEWERS

137. No liquid or vapour having a temperature higher than 170°F shall be discharged into a building drain, building storm drain, building sewer or building storm sewer. R.R.O. 1970, Reg. 647, s. 138.

138.—(1) Where a building contains one soil stack, every building drain shall be extended to the soil stack and shall be not less than four inches in diameter.

(2) Where a building contains more than one soil stack, every building drain shall be extended to the soil stack farthest from the point where the building drain enters the building and shall be not less than four inches in diameter.

(3) Where a building does not contain a soil stack but contains one or more vent stacks or waste stacks, every building drain shall be not less than four inches in diameter and shall be extended to the waste stack or vent stack that,

- (a) is of a diameter of not less than three inches; and
- (b) extends vertically through the roof of the building. R.R.O. 1970, Reg. 647, s. 139 (1-3).

(4) Where a main sewer is installed at an elevation below the elevation of the bottom of a wall of a building or other structure and the building drain connects to a stack through a floor, the drain shall retain its full size up through the floor including, above the floor, a clean out in compliance with section 143, but where pipe and fittings are used that are restricted to underground installation, they shall terminate at the lower side of the floor. O. Reg. 295/79, s. 17.

(5) Where a main sewer is installed at an elevation above the elevation of the bottom of a wall of a

building or other structure and the building drain enters the building through a wall, the drain shall terminate at the commencement of the change of direction of the drainage piping from horizontal to vertical that is farthest from the wall through which the drain enters and is within the storey in which the drain enters the building. O. Reg. 310/76, s. 26, *part*.

139.—(1) A slope of not less than  $\frac{1}{4}$  of an inch per foot of run shall be provided,

- (a) for a waste pipe;
- (b) for a horizontal drainage pipe not larger than three inches, trade size; and
- (c) for a horizontal storm drainage pipe not larger than three inches, trade size.

(2) A horizontal drainage pipe and a horizontal storm drainage pipe larger than three inches, trade size, shall have a slope of not less than  $\frac{1}{8}$  of an inch per foot of run.

(3) Where conditions do not permit a building drain, building sewer, building storm drain or building storm sewer to have the slope prescribed in subsection (1) or (2), it may have a lesser slope, but not so that the rate of flow of the liquids is less than two feet a second. R.R.O. 1970, Reg. 647, s. 140.

140. The hydraulic load discharged into a building drain or building sewer of a trade size itemized in column 1 of Table 24 shall not be greater than the number of fixture units prescribed in,

- (a) column 2, where the pipe has a slope of  $\frac{1}{16}$  of an inch a foot of run;
- (b) column 3, where the pipe has a slope of  $\frac{1}{8}$  of an inch a foot of run;
- (c) column 4, where the pipe has a slope of  $\frac{1}{4}$  of an inch a foot of run; or
- (d) column 5, where the pipe has a slope of  $\frac{1}{2}$  of an inch a foot of run. R.R.O. 1970, Reg. 647, s. 141.

#### CLEAN-OUTS

141.—(1) Every nut on a clean-out shall be of brass or other equally non-corroding metal.

(2) The body of a clean-out shall have a thickness not less than that prescribed for the wall of piping of the same metal and trade size. R.R.O. 1970, Reg. 647, s. 142.

142.—(1) A clean-out plug shall,

- (a) be of brass or other equally non-corroding material;

(b) subject to subsection (2), have a wall thickness equal to the thickness of the wall of the piping into which the clean-out plug fits; and

(c) have a cover that can be removed and replaced and that provides a seal sufficient to withstand the test prescribed in section 152.

(2) Where a clean-out plug is hollow or stamped out, the wall thickness of the plug shall be not less than  $\frac{1}{8}$  of an inch. R.R.O. 1970, Reg. 647, s. 143.

143. A clean-out connected to a pipe,

- (a) up to four inches, trade size, shall be of the same trade size as the pipe; and
- (b) larger than four inches, trade size, shall be not smaller than four inches, trade size. R.R.O. 1970, Reg. 647, s. 144.

144. A clean-out shall be so installed as to be readily accessible. R.R.O. 1970, Reg. 647, s. 145.

145.—(1) A clean-out shall be installed in the building drain as near as possible to the inner face of the outside wall and, where a building trap is installed, the clean-out shall be installed on the downstream side of the building trap.

(2) A clean-out shall be installed at or as close as practicable to the foot of each waste stack, soil stack or rain water leader and so that it may be readily used. R.R.O. 1970, Reg. 647, s. 146.

146.—(1) Every waste pipe connected to a sink shall be provided with sufficient clean-outs to reach downstream each twenty feet or fraction thereof of the waste pipe. O. Reg. 158/73, s. 24 (1).

(2) Clean-outs in horizontal drainage piping shall be at intervals not greater than,

- (a) fifty feet, where the piping is four inches or smaller, trade size;
- (b) 100 feet, where the piping is of larger trade size; or
- (c) where manholes as permitted by subsection (4) are used as cleanouts, the maximum spacing between manholes shall be in accordance with clause (4) (c).

(3) When a fixture is equipped with a P trap of two piece construction permitting the ready removal of the trap dip and thus providing a full size opening to the drainage pipe, such a trap may, for the purposes of subsections (1) and (2), be regarded as a clean-out. R.R.O. 1970, Reg. 647, s. 147 (2, 3).

(4) A manhole may be used as a clean-out in any building sewer or a building storm sewer but shall be mandatory in a building sewer or building storm

sewer that exceeds six inches in internal diameter and 100 feet in length and,

- (a) where a manhole is constructed to serve a building sewer or a building storm sewer, the manhole shall be a minimum diameter of forty-two inches if it is of circular section and a minimum of forty-two inches square if of a square section;
- (b) the developed length from the outer face of the wall of the building to the manhole nearest to the outer face of the wall shall not exceed 100 feet;
- (c) the maximum pipe length between any two connected manholes in the building sewer or building storm sewer shall not exceed 300 feet in piping of 24-inch diameter or less, and shall not exceed 500 feet in piping of a diameter greater than twenty-four inches;
- (d) there shall be no change in slope or direction of any section between manholes of a building sewer or building storm sewer nor between the building and the first manhole downstream;
- (e) where a manhole is constructed within a building or if the building is constructed so as to enclose an existing manhole, the manhole shall be sealed and vented independently to atmosphere outside the building and the vent pipe shall have a minimum inside diameter of three inches and shall terminate at least one foot above ground; and
- (f) every manhole shall be supported independently of the pipe and shall impose no load on any pipe connected to it. O. Reg. 344/71, s. 18; O. Reg. 158/73, s. 24 (2).

#### SEWAGE TANKS AND SUMPS

147.—(1) A subdrain carrying sewage from a fixture shall discharge by gravity into a sewage tank.

(2) A drain carrying only storm water shall discharge by gravity into a sump or into a building storm drain and, where the building storm drain has a trap, the drain shall discharge into the building storm drain upstream from the trap.

(3) The sewage shall be discharged by a pump or mechanical ejector from the sewage tank into the building sewer or building drain and shall not pass through a building trap.

(4) The pump or mechanical ejector shall be so designed and have capacity great enough that it empties the sewage tank at least once in every period of two hours.

(5) Every sewage tank and every sump constructed of a material other than steel or cast iron shall be separated by a space of not less than six inches. R.R.O. 1970, Reg. 647, s. 148 (1-5).

(6) Where a foundation drain connects to a building sewer or building drain, the foundation drain shall be separated from the sewer or building drain by a trap that is readily accessible for cleaning and maintenance. O. Reg. 344/71, s. 19.

(7) Where a foundation drain connects to a sewage tank, a settling chamber shall be installed in the drain upstream from the sewage tank.

(8) The inlet end of that portion of the drain between the chamber and the tank shall be at least six inches below the point at which the invert of such portion of the drain connects to the chamber.

(9) A check valve shall be installed in the drain between the chamber and the tank to prevent sewage from flowing back into the chamber. R.R.O. 1970, Reg. 647, s. 148 (7-9).

(10) All pumps that are part of a plumbing system shall be installed to operate with a positive suction head unless the pump is specifically designed to operate with a negative suction head, and where the return of water or sewage must be guarded against when the pump shuts down, a check valve shall be installed on the discharge side of the pump.

(11) Where a pump installation is such that the discharge pipe cannot be readily drained for the purpose of maintenance, a gate valve shall be installed downstream from the pump and also downstream from the check valve, if there is a check valve, and a union type joint shall exist at some point between the pump and the gate valve.

(12) The size of piping connected to a pump shall not be smaller than that recommended by the pump manufacturer and in no event shall the connections to the pump be smaller than,

- (a) ¾-inch Iron Pipe Size or equal for a laundry tub pump;
- (b) 1¼-inch Iron Pipe Size or equal for a sump pump; and
- (c) 1½-inch Iron Pipe Size or equal for a sewage pump,

and a pump installed to handle sewage shall be designed to handle solids of a maximum dimension not less than 1½ inches. O. Reg. 158/73, s. 25.

#### TESTING

148.—(1) Each drain shall be tested by rolling through it a ball made of hard material sufficiently heavy to prevent it from floating.

(2) The diameter of the ball shall be,

- (a) two inches, for piping of three inches, or larger, trade size; and
- (b) one inch for smaller piping. R.R.O. 1970, Reg. 647, s. 149.

149.—(1) Any test may be applied to any part of drainage piping separately from the remainder of the drainage piping.

(2) Where a test that is required by this Regulation is being made, sufficient clean-outs shall be removed to ensure that the water, air or smoke, as the case may be, has reached every point of the piping being tested. R.R.O. 1970, Reg. 647, s. 150.

150. After drainage piping is interconnected and connected to the venting thereof, but before the fixtures are connected to the drainage piping, the piping and the venting thereof shall be tested by the water test or the air test, applied in the manner prescribed by section 152 or 153. R.R.O. 1970, Reg. 647, s. 151.

151. In sections 152 and 153, "outlet" means the opening in drainage piping and the venting thereof, and in storm drainage piping through which the water or air used to make a water test or air test may escape to the open air, to any part of the piping not under test or to the main sewer. R.R.O. 1970, Reg. 647, s. 152.

152.—(1) Subject to subsections (2) and (3), a water test shall be made by,

- (a) tightly closing all outlets, except the highest, in the piping being tested;
- (b) filling the piping completely with water until the water is steadily overflowing at a point at least five feet above the highest joint to be tested;
- (c) visually examining every joint of the piping after the water has been in the piping for not less than fifteen minutes and while still in it; and
- (d) ensuring that no water is seeping out or leaking at any point.

(2) Where it is inconvenient for the plumber to obtain the minimum five foot hydrostatic head required by clause (1) (b), he may in lieu thereof, apply air pressure to the water in the system so that the water is at a minimum pressure of 5 p.s.i. at every joint to be tested.

(3) The five-foot hydrostatic head requirements or 5 p.s.i. requirements shall not apply to any section of a plumbing system that is filled with water to overflowing above the level of the roof outside the building. O. Reg. 344/71, s. 20.

153. An air test shall be made by,

- (a) securely attaching an air compressor or similar pneumatic testing apparatus to the piping at any convenient outlet of the piping tested;
- (b) tightly closing all other outlets of the piping;
- (c) forcing air into the piping until the constant internal pneumatic pressure is not less than 5 p.s.i.; and
- (d) ensuring that air is not escaping from the piping at any point after that pressure has remained constant for not less than fifteen minutes and while it is still constant without any additional air being forced in or a change occurring in the temperature of the piping greater than 5° F. R.R.O. 1970, Reg. 647, s. 154.

154.—(1) After all fixtures have been connected to the piping, and the piping has been connected to the venting thereof, a final test shall be made of the drainage piping and venting thereof.

(2) The test shall be made by,

- (a) filling all traps of the piping being tested to their respective minimum water seals;
- (b) completely filling the pipes and vents with air by any convenient method;
- (c) closing every vent stack, stack vent, soil stack and waste stack;
- (d) adding into the piping and vents more air sufficient to build up an internal pressure equivalent to a one-inch water column; and
- (e) ensuring that no air is escaping from the piping or vents at any point after that pressure has been maintained constant for not less than fifteen minutes and while it is still constant. R.R.O. 1970, Reg. 647, s. 155.

## PART IV

### FIXTURES

155.—(1) Every fixture shall be connected to drainage piping.

(2) The room or compartment in which a fixture is located shall be adequately ventilated.

(3) All walls and flooring around or under a bath tub, shower bath, or sanitary unit in a public building shall be of a material that is impervious to water.

(4) All fixtures shall be conveniently located, placed level and true and firmly mounted so that a maximum of intended use may be derived therefrom.

(5) Fixture trim or plumbing brass listed in Appendix A shall not be installed unless it is marked as approved by the Canadian Standards Association. R.R.O. 1970, Reg. 647, s. 156.

**156.**—(1) An indirect waste pipe shall connect only to,

- (a) a drinking fountain;
- (b) a refrigerator or ice box;
- (c) a food container;
- (d) an appliance, device or apparatus that is used for the storage, preparation or processing of food or drink;
- (e) a sterilizer;
- (f) a water still, water treatment device or water operated device;
- (g) cocktail mixing units; or
- (h) equipment, heated by steam, for the storage or serving of food,

and shall discharge to a fixture that complies with section 173. O. Reg. 295/79, s. 18.

(2) Where anything referred to in subsection (1), except a drinking fountain, connects to a waste pipe, it shall connect to an indirect waste pipe. R.R.O. 1970, Reg. 647, s. 157 (2).

**157.**—(1) A fixture shall be so installed as to be readily accessible for cleansing.

(2) A fixture having an integral trap shall be set plumb and true.

(3) Subject to subsection (4), every fixture shall be so installed that all walls and flooring around or under it are easily accessible for cleansing.

(4) Where a fixture is built into the structure of a room or compartment, it shall be so installed that water does not accumulate on the walls or flooring around or under the fixture. R.R.O. 1970, Reg. 647, s. 158.

**158.**—(1) Every fixture shall be provided with such supply pipes and fittings as will supply sufficient water for flushing the fixture to the extent necessary to keep it in sanitary condition.

(2) Where water faucets are installed that provide lateral separation between the hot water control and the cold water control, the hot water control shall be on the left and where a single control is used

for both hot and cold water, a movement to the left shall provide hot water and a movement to the right shall provide cold water. R.R.O. 1970, Reg. 647, s. 159.

**159.**—(1) Subject to subsection (2), the pipe supplying water to a fixture itemized in column 1 of Table 25 shall be of a trade size not smaller than that prescribed in column 2.

(2) Where a distributing pipe is not directly connected to fixtures or fixture faucets but is connected with flexible tubes or other convenience items of a diameter smaller than that specified by Table 25, such connectors shall not have a developed length of more than fourteen inches. O. Reg. 310/76, s. 27.

**160.** Except as flushing water to a urinal or a water-closet, non-potable water shall not be supplied to any building fixture and where non-potable water is so supplied to any plumbing fixture the piping system shall comply with section 27. O. Reg. 344/71, s. 21.

**161.**—(1) For the purpose of this section, a trough urinal is a shallow vessel or receptacle, which may be a channel in the floor, used in a horizontal position whose length exceeds the depth.

(2) No trough urinal shall be installed. R.R.O. 1970, Reg. 647, s. 162.

**162.**—(1) In subsection (2), "frost-proof closet" means a water-closet so designed that,

- (a) the trap and the water supply control valve are installed below frost line; and
- (b) the bowl does not retain water.

(2) No frost-proof closet shall be installed so as to discharge directly or indirectly into a main sewer. R.R.O. 1970, Reg. 647, s. 163.

**163.**—(1) Every fixture shall be of such materials, construction and design as will ensure that the exposed surface of all parts are,

- (a) hard;
- (b) smooth;
- (c) impervious to cold or hot water;
- (d) readily accessible for cleansing; and
- (e) free from,

(i) blemishes, or

(ii) cracks or other interstices,

that may harbour germs or impede thorough cleansing.

(2) All other parts of the fixture and all the area around the fixture so closely adjacent to it that germs may harbour therein shall be of such materials, construction and design as will ensure that the fixture and the adjacent area can be readily maintained in a thoroughly sanitary condition. R.R.O. 1970, Reg. 647, s. 164.

164.—(1) In this section, "wash down water-closet bowl" means a water-closet bowl that has,

- (a) an integral flushing rim and jet;
- (b) a minimum water surface of seven inches by eight inches;
- (c) a minimum water seal of 2½ inches; and
- (d) an integral trap at the front of the water-closet bowl that operates by syphonic action and that passes a solid ball 1½ inches in diameter. R.R.O. 1970, Reg. 647, s. 165 (1).

(2) Subject to section 165, a water-closet bowl shall be,

- (a) of vitreous china or any material having an equally smooth, hard, impervious surface;
- (b) in one piece;
- (c) provided with integral flushing rims so constructed as to flush the entire interior of the bowl;
- (d) rigidly connected to the waste pipe; and
- (e) where the water-closet bowl is in a public washroom, equipped with a seat with an open front. O. Reg. 344/71, s. 22.

(3) No water-closet bowl in a public washroom shall be a wash down water-closet bowl. R.R.O. 1970, Reg. 647, s. 165 (3).

165.—(1) For the purpose of this section a Class 2 water-closet shall be a toilet which has been certified by the Canadian Standards Association to a Canadian Standards Association standard or other appropriate Canadian Standards Association document and which in normal usage dilutes sewage with at least sufficient water so that it may be disposed of through a connected piping system but which does not meet all requirements of section 164.

(2) A Class 2 water-closet may be used in a plumbing system which is not drained to a main sewer. O. Reg. 344/71, s. 23, *part*.

(3) Where a water supply pipe is connected to a Class 2 water-closet those parts of section 24 and sections 43 to 46 that deal with the protection of a potable water supply shall apply. O. Reg. 310/76, s. 28.

(4) Where a Class 2 water-closet is designed to store sewage between periods of usage, it shall be adequately ventilated directly from the toilet to outside atmosphere or chemically treated, so that the room in which it is located shall be free of objectionable odours. O. Reg. 344/71, s. 23, *part*.

166.—(1) A water-closet tank shall have,

- (a) water capacity; and
- (b) flush valve equipment,

such as will ensure at all times a supply of water sufficient to flush normal solids and soil out of the bowl.

(2) A flush pipe shall have an internal diameter not less than that of the spud on the tank. R.R.O. 1970, Reg. 647, s. 166.

167.—(1) A urinal shall be of a material prescribed by clause 164 (2) (a). O. Reg. 310/76, s. 29.

(2) A urinal of a siphon jet, blow out or pedestal type shall have its flushing-rim and its trap integral with it. R.R.O. 1970, Reg. 647, s. 167 (2).

168. A urinal tank shall have,

- (a) water capacity;
- (b) flush valve equipment; and
- (c) pipe connecting to the urinal,

such as will ensure at all times a supply of water sufficient to flush the normal liquids and solids out of the urinal. R.R.O. 1970, Reg. 647, s. 168.

169.—(1) A wash basin,

- (a) shall be of a material prescribed by clause 164 (2) (a); and
- (b) shall have a waste pipe not smaller than 1¼ inches, trade size.

(2) The waste opening shall be equipped with a strainer.

(3) Where a stopper is provided it shall be so arranged that the standing water in the fixture does not rise in the overflow pipe when the stopper is used, or remain in the overflow pipe when the fixture is empty. R.R.O. 1970, Reg. 647, s. 169; O. Reg. 344/71, s. 24.

170.—(1) The floor of a shower bath shall be of materials having a hard surface, impervious to water, and shall be provided with,

- (a) a waste fitting not smaller than 1½ inches, trade size; and

(b) a strainer at the waste outlet.

(2) A water stop of a non-ferrous material impervious to water shall be installed in the floor of a shower bath constructed in a building and shall be turned up at the walls to a height of at least four inches above the waste outlet. R.R.O. 1970, Reg. 647, s. 170.

**171.** A bath tub shall be,

(a) of material having a smooth, hard interior surface, impervious to water; and

(b) equipped with a waste fitting not smaller than 1½ inches, trade size. R.R.O. 1970, Reg. 647, s. 171.

**172.—**(1) The overflow pipe from a fixture shall be connected on the inlet side of the trap and so arranged that it can be readily and effectively cleansed.

(2) An overflow fitting shall be so arranged that the standing water in the fixture does not rise in the overflow pipe when the stopper is used and all water drains from the overflow pipe when the fixture is empty. R.R.O. 1970, Reg. 647, s. 172.

**173.—**(1) The fixture through which an indirect pipe discharges shall be,

(a) open;

(b) served with a vented trap not less than 1½ inches, trade size; and

(c) located in an accessible, ventilated place. R.R.O. 1970, Reg. 647, s. 173 (1).

(2) An air break conforming to the dimensional requirements of section 43 shall be provided between,

(a) the outlet end of an indirect waste pipe; and

(b) the flood level rim of the fixture receiving the discharge from that pipe. R.R.O.

1970, Reg. 647, s. 173 (2); O. Reg. 158/73, s. 27; O. Reg. 295/79, s. 19.

(3) A vented trap not less than 1½ inches, trade size, installed specifically to receive only the discharge from one or more indirect waste pipes shall be deemed to be a fixture. O. Reg. 747/76, s. 2.

**174.—**(1) Every indirect waste pipe shall be trapped, but, subject to subsection (2), need not be vented.

(2) Where an indirect waste pipe receives the discharge from,

(a) drinking fountains; or

(b) refrigerators,

located on three or more storeys, it shall be vented by being extended to open air. R.R.O. 1970, Reg. 647, s. 174.

**175.—**(1) An indirect waste pipe from a refrigerator or similar food container shall have clean-outs at all angles and be so arranged as to permit flushing and cleansing.

(2) Every indirect waste pipe shall have a diameter of not less than ¾ of an inch, trade size.

(3) Where an indirect waste pipe receives the discharge from more than one fixture or appliance, the pipe shall be of a diameter not less than 1¼ inches, trade size.

(4) Every indirect waste pipe shall be provided with sufficient clean-outs to reach downstream each twenty feet of the pipe or fraction thereof.

(5) A T-Y fitting shall not be used to connect a branch to a horizontal section of indirect waste piping. R.R.O. 1970, Reg. 647, s. 175.

TABLE 1  
END THRUST IN PRESSURE PIPING (POUNDS)

PRESSURE		PIPE SIZE — (Diameter in inches and sectional area in square inches)																	
Ft. of Hydro-static Head	Pounds per sq. in.	Dia. 2	Area 3.14	Dia. 2½	Area 4.91	Dia. 3	Area 7.07	Dia. 4	Area 12.6	Dia. 5	Area 19.6	Dia. 6	Area 28.3	Dia. 8	Area 50.3	Dia. 10	Area 78.5	Dia. 12	Area 113
Column 1		Column 2		Column 3		Column 4		Column 5		Column 6		Column 7		Column 8		Column 9		Column 10	
10	4.33	13.6		21.3		30.6		54.6		84.9		123		218		340		489	
20	8.66	27.2		42.5		61.2		109		169.8		245		436		680		979	
30	13.0	40.8		63.8		91.9		164		255		368		654		1021		1469	
40	17.3	54.3		84.9		122		218		339		490		870		1358		1955	
50	21.7	68.1		107		153		273		425		614		1092		1704		2452	
60	26.0	81.6		128		184		328		510		736		1308		2041		2938	
70	30.3	95.1		149		214		382		594		858		1524		2379		3424	
80	34.6	109		170		245		436		678		979		1740		2716		3910	
90	39.0	123		192		276		491		764		1104		1962		3062		4407	
100	43.3	136		213		306		546		849		1225		2178		3399		4893	
150	64.9	204		319		459		818		1272		1837		3265		5095		7334	
200	86.6	272		425		612		1091		1697		2451		4356		6798		9786	
250	108	339		530		764		1361		2117		3056		5432		8478		12204	
300	130	408		638		919		1638		2548		3679		6539		10205		14690	
350	152	477		746		1075		1915		2979		4302		7646		11932		17176	
400	173	543		849		1223		2180		3390		4896		8702		13581		19549	
450	195	612		958		1379		2457		3822		5519		9809		15308		22035	
500	217	681		1066		1534		2734		4253		6141		10915		17035		24521	

R.R.O. 1970, Reg. 647, Table 1.

TABLE 2  
COPPER OR BRASS PIPE

Column 1  Pipe, trade size, in ins.	Column 2  Outside diameter, in ins.	Standard Pipe			Extra Heavy Pipe		
		Column 3  Nominal wall thick- ness in ins.	Nominal Weight in lbs. per Foot of length		Column 6  Nominal wall thick- ness in ins.	Nominal Weight in lbs. per Foot of length	
			Column 4 Copper	Column 5 Brass		Column 7 Copper	Column 8 Brass
1/8	0.405	0.0620	0.259	0.253	0.100	0.371	0.363
1/4	0.540	0.0825	0.460	0.450	0.123	0.624	0.611
3/8	0.675	0.0905	0.643	0.630	0.127	0.847	0.829
1/2	0.840	0.1075	0.957	0.938	0.149	1.25	1.23
3/4	1.050	0.1140	1.30	1.27	0.157	1.71	1.67
1	1.315	0.1265	1.83	1.79	0.182	2.51	2.46
1 1/4	1.660	0.1460	2.69	2.63	0.194	3.46	3.39
1 1/2	1.900	0.1500	3.20	3.13	0.203	4.19	4.10
2	2.375	0.1565	4.23	4.14	0.221	5.79	5.67
2 1/2	2.875	0.1875	6.14	6.00	0.280	8.84	8.66
3	3.500	0.2190	8.75	8.56	0.304	11.82	11.57
3 1/2	4.000	0.2500	11.41	11.17	0.321	14.37	14.07
4	4.500	0.2500	12.94	12.66	0.341	17.25	16.89
4 1/2	5.000	0.2500	14.46	14.15	0.375	21.10	20.66
5	5.563	0.2500	16.21	15.85	0.375	23.67	23.18
6	6.625	0.2500	19.41	18.99	0.437	32.93	32.21
7	7.625	0.2815	25.17	24.63	0.500	43.34	42.43
8	8.625	0.3125	31.63	30.95	0.500	49.42	48.39
9	9.625	0.3440	38.83	38.03	0.500	55.56	54.34
10	10.750	0.3655	46.22	45.20	0.500	62.40	61.05

R.R.O. 1970, Reg. 647, Table 2.

TABLE 3  
BRASS CAULKING FERRULES

Column 1	Column 2	Column 3	Column 4
Trade size in inches	Minimum actual inside diameter of ferrule, in inches	Minimum length, in inches	Minimum weight, in pounds
2 x 1 1/4	1 1/2	4 1/2	1
2 x 1 1/2	1 3/4	4 1/2	1
2	2 1/4	4 1/2	1
3	3 1/4	4 1/2	1
4	4 1/4	4 1/2	2 1/2

R.R.O. 1970, Reg. 647, Table 3.

TABLE 4  
BRASS SOLDERING NIPPLES

Column 1	Column 2	Column 3
Trade size, in inches	Minimum length, in inches	Minimum weight
1¼	3	6 ozs.
1½	3	8 ozs.
2	3	14 ozs.
2½	4	1 lb. 6 ozs.
3	4	2 lb.
4	4	3 lb. 8 ozs.

R.R.O. 1970, Reg. 647, Table 4.

TABLE 5  
BRASS SOLDERING HUBS

Column 1	Column 2	Column 3	Column 4
Hub, trade size in inches	Minimum actual inside diameter, in inches	Minimum overall length, in inches	Minimum weight in ounces
3 x 2	2	2 <sup>7</sup> / <sub>16</sub>	17
2 x 1½	2 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>16</sub>	14
2 x 1¼	2 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>16</sub>	13

R.R.O. 1970, Reg. 647, Table 5.

TABLE 6

## WELDED ALLOYED OPEN HEARTH IRON PIPING

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Pipe, trade size in inches	Minimum wall-thickness in inches	Minimum internal hydrostatic pressure for furnace butt-welded pipe in p.s.i.	Minimum internal hydrostatic pressure for electric-welded pipe, in p.s.i.	Minimum weight a linear foot when threaded and couplings attached in pounds	Minimum number of threads in each threaded inch
$\frac{1}{8}$	.068	700	....	0.24	27
$\frac{1}{4}$	.088	700	....	0.42	18
$\frac{3}{8}$	.091	700	....	0.57	18
$\frac{1}{2}$	.109	700	....	0.85	14
$\frac{3}{4}$	.113	700	....	1.13	14
1	.133	700	....	1.68	11 $\frac{1}{2}$
1 $\frac{1}{4}$	.140	800	1,000	2.28	11 $\frac{1}{2}$
1 $\frac{1}{2}$	.145	800	1,000	2.73	11 $\frac{1}{2}$
2	.154	800	1,000	3.68	11 $\frac{1}{2}$
2 $\frac{1}{2}$	.203	800	1,000	5.82	8
3	.216	800	1,000	7.62	8
3 $\frac{1}{2}$	.226	1,200	....	9.20	8
4	.237	1,200	....	10.89	8
5	.258	1,200	....	14.81	8
6	.280	1,200	....	19.18	8
8	.322	....	1,200	28.81	8
10	.365	....	1,000	41.13	8
12	.375	....	1,000	50.71	8

O. Reg. 158/73, s. 28, *part.*

TABLE 7

## WELDED OR SEAMLESS STEEL PIPING

Column 1	Column 2	Column 3	Column 4	Column 5
Pipe, trade size, in inches	Minimum actual outside diameter, in inches	Minimum wall-thickness, in inches	Minimum weight for each linear foot threaded and with couplings attached, in pounds	Minimum number of threads in each threaded inch
$\frac{1}{8}$	0.405	.068	0.25	27
$\frac{1}{4}$	0.540	.088	0.43	18
$\frac{3}{8}$	0.675	.091	0.57	18
$\frac{1}{2}$	0.840	.109	0.85	14
$\frac{3}{4}$	1.050	.113	1.13	14
1	1.315	.133	1.68	11 $\frac{1}{2}$
1 $\frac{1}{4}$	1.660	.140	2.28	11 $\frac{1}{2}$
1 $\frac{1}{2}$	1.900	.145	2.73	11 $\frac{1}{2}$
2	2.375	.154	3.68	11 $\frac{1}{2}$
2 $\frac{1}{2}$	2.875	.203	5.82	8
3	3.500	.216	7.62	8
3 $\frac{1}{2}$	4.000	.226	9.20	8
4	4.500	.237	10.89	8
5	5.563	.258	14.81	8
6	6.625	.280	19.19	8
8	8.625	.277	25.00	8
10	10.750	.279	32.00	8
12	12.750	.375	45.00	8

R.R.O. 1970, Reg. 647, Table 7.

TABLE 8  
WROUGHT IRON PIPING

Column 1	Column 2	Column 3	Column 4	Column 5
Pipe, trade size, in inches	Minimum actual outside diameter, in inches	Minimum wall-thickness, in inches	Minimum weight for each linear foot, threaded and with couplings attached, in pounds	Minimum number of threads in each threaded inch
1/8	0.405	.070	0.25	27
1/4	0.540	.090	0.43	18
3/8	0.675	.093	0.57	18
1/2	0.840	.111	0.85	14
3/4	1.050	.115	1.13	14
1	1.315	.136	1.68	11 1/2
1 1/4	1.660	.143	2.28	11 1/2
1 1/2	1.900	.148	2.73	11 1/2
2	2.375	.158	3.68	11 1/2
2 1/2	2.875	.208	5.82	8
3	3.500	.221	7.62	8
3 1/2	4.000	.231	9.20	8
4	4.500	.242	10.89	8
5	5.563	.263	14.81	8
6	6.625	.286	19.19	8
8	8.625	.283	25.00	8
10	10.750	.284	32.00	8
12	12.750	.336	45.00	8

R.R.O. 1970, Reg. 647, Table 8.

TABLE 9  
COPPER TUBE

Column 1 Tube Trade Size in Inches	Column 2 Actual Outside Diameter in inches	Permissible Variation in Mean Outside Diameter in inches		Wall Thickness (inches)			
				Type K		Type L	
		Column 3 Annealed	Column 4 Drawn	Column 5 Nominal	Column 6 Permissible Variation	Column 7 Nominal	Column 8 Permissible Variation
1/4	0.375	0.002	0.001	0.035	0.004	0.030	0.0035
3/8	0.500	0.0025	0.001	0.049	0.004	0.035	0.0035
1/2	0.625	0.0025	0.001	0.049	0.004	0.040	0.0035
5/8	0.750	0.0025	0.001	0.049	0.004	0.042	0.0035
3/4	0.875	0.003	0.001	0.065	0.0045	0.045	0.004
1	1.125	0.0035	0.0015	0.065	0.0045	0.050	0.004
1 1/4	1.375	0.004	0.0015	0.065	0.0045	0.055	0.0045
1 1/2	1.625	0.0045	0.002	0.072	0.005	0.060	0.0045
2	2.125	0.005	0.002	0.083	0.007	0.070	0.006
2 1/2	2.625	0.005	0.002	0.095	0.007	0.080	0.006
3	3.125	0.005	0.002	0.109	0.007	0.090	0.007
3 1/2	3.625	0.005	0.002	0.120	0.008	0.100	0.007
4	4.125	0.005	0.002	0.134	0.010	0.110	0.009
5	5.125	0.005	0.002	0.160	0.010	0.125	0.010
6	6.125	0.005	0.002	0.192	0.012	0.140	0.010
8	8.125	0.006	+0.002 -0.004	0.271	0.016	0.200	0.014
10	10.125	0.008	+0.002 -0.006	0.338	0.018	0.250	0.016
12	12.125	0.008	+0.002 -0.006	0.405	0.020	0.280	0.018

TABLE 9—Continued  
COPPER TUBE

(Type DWV)

Wall Thickness (inches)				*THEORETICAL			
Type M		Drainage Tube		Weight per Foot in pounds			
Column 9 Nominal	Column 10 Permissible Variation	Column 11 Nominal	Column 12 Permissible Variation	Column 13 Type K	Column 14 Type L	Column 15 Type M	Column 16 Drainage Tube
....	....	....	....	0.145	0.126	...	...
0.025	0.0025	....	....	0.269	0.198	0.145	...
0.028	0.0025	....	....	0.344	0.285	0.204	...
....	....	....	....	0.418	0.362	...	...
0.032	0.003	....	....	0.641	0.455	0.328	...
0.035	0.0035	....	....	0.839	0.655	0.465	...
0.042	0.0035	0.040	0.0035	1.04	0.884	0.682	0.650
0.049	0.004	0.042	0.0035	1.36	1.14	0.940	0.809
0.058	0.006	0.042	0.005	2.06	1.75	1.46	1.07
0.065	0.006	....	....	2.93	2.48	2.03	...
0.072	0.006	0.045	0.005	4.00	3.33	2.68	1.69
0.083	0.007	....	....	5.12	4.29	3.58	...
0.095	0.009	0.058	0.008	6.51	5.38	4.66	2.87
0.109	0.009	0.072	0.008	9.67	7.61	6.66	4.43
0.122	0.010	0.083	0.009	13.9	10.2	8.92	6.10
0.170	0.014	....	....	25.9	19.3	16.5	...
0.212	0.015	....	....	40.3	30.1	25.6	...
0.254	0.016	....	....	57.8	40.4	36.7	...

\*Tube shall not vary in weight by more than 7% from theoretical weight shown.

R.R.O. 1970, Reg. 647, Table 9; O. Reg. 209/72, s. 2.

TABLE 10  
ASBESTOS-CEMENT DRAINAGE PIPING

Column 1	Column 2	Column 3	Column 4	Column 5
Piping, trade size, in inches	Minimum wall-thickness, in inches	Flexural strength, minimum total load, in pounds	Maximum span, in feet	Supporting strength, minimum external 3-bearing load, in pounds
4	.22	550	9	1,500
5	.22	900	9	1,500
6	.22	1,290	9	1,500
8	.35	4,300	12	1,500
10	.37	....	...	1,500
12	.41	....	...	1,500
14	.41	....	...	1,500
16	.45	....	...	1,500
18	.48	....	...	2,400
20	.52	....	...	2,400
24	.58	....	...	2,400

O. Reg. 158/73, s. 28, *part.*

TABLE 11  
BITUMINIZED-FIBRE DRAIN PIPING OR SEWER PIPING

Column 1	Column 2	Column 3	Column 4	Column 5
Piping, trade size, in inches	Minimum wall-thickness in inches	Minimum flat-plate crushing load, in pounds for each linear foot	Minimum length of coupling, in inches	Flat-plate crushing load in pounds for each linear foot
2	.23	1,100	2.90	270
3	.28	1,100	3.42	315
4	.32	1,100	3.92	370
5	.41	1,300	3.92	430
6	.46	1,300	3.92	430
8	.57	1,600	5.00	670

R.R.O. 1970, Reg. 647, Table 11.

TABLE 12  
CAST IRON DRAINAGE PIPE OR VENT PIPE

Piping trade size in inches	WEIGHT IN POUNDS PER LENGTH INDICATED					
	Medium			Extra Heavy		
	Single hub		Double hub	Single hub		Double hub
	5 foot length	10 foot length	5 foot length	5 foot length	10 foot length	5 foot length
	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
2	20	38	21	25	48	26
3	30	58	31	42	80	44
4	42	80	44	57	109	60
5	55	106	57	70	134	73
6	68	130	71	88	168	92
8				190	268	145
10				205	393	212
12				250	476	260
15				350	665	365

R.R.O. 1970, Reg. 647, Table 12.

TABLE 13  
THREADED CAST IRON PIPING

Column 1	Column 2	Column 3	Column 4
Piping, trade size, in inches	Minimum wall-thickness, in inches	Minimum weight for each linear foot, in pounds	Minimum thread-length, in inches
1¼	.187	3.033	0.42
1½	.195	3.666	0.42
2	.211	5.041	0.43
2½	.241	7.032	0.68
3	.263	9.410	0.76
4	.294	13.751	0.84
5	.328	19.069	0.93
6	.378	26.223	0.95
8	.438	39.820	1.06
10	.438	50.234	1.21
12	.438	60.036	1.36

R.R.O. 1970, Reg. 647, Table 13.

TABLE 14  
CONCRETE SEWER PIPING

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Piping, trade size, in inches	Minimum wall-thickness of barrel, in inches	Minimum internal diameter of barrel, in inches	Supporting strength, mini- mum 3-bearing load for each linear foot, in pounds	Minimum internal diameter of socket-mouth, in inches	Minimum depth of socket, in inches
4	⅝	4	1,000	6	1½
6	⅝	6	1,100	8¼	2
8	¾	8	1,300	10¾	2¼
10	7⁄8	10	1,400	13	2½
12	1	12	1,500	15¼	2½
15	1¼	15	1,750	18	2½
18	1½	18	2,000	22¼	2¾
21	1¾	21	2,200	26	2¾
24	2⅛	24	2,400	29½	3

R.R.O. 1970, Reg. 647, Table 14.

TABLE 15  
VITRIFIED-CLAY PIPING

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Piping, trade size, in inches	Minimum wall-thickness of barrel, in inches	Minimum internal diameter of barrel, in inches	Supporting strength, mini- mum 3-bearing load for each linear foot, in pounds	Minimum internal diameter of socket-mouth, in inches	Minimum depth of socket, in inches
4	$\frac{1}{2}$	4	1,000	5	$1\frac{3}{4}$
6	$\frac{5}{8}$	6	1,000	$8\frac{1}{4}$	$2\frac{1}{4}$
8	$\frac{3}{4}$	8	1,000	$10\frac{1}{2}$	$2\frac{1}{2}$
9	$\frac{3}{4}$	9	1,050	$11\frac{5}{8}$	$2\frac{1}{2}$
10	$\frac{7}{8}$	10	1,100	12	$2\frac{1}{2}$
12	1	12	1,200	$15\frac{1}{8}$	$2\frac{3}{4}$
15	$1\frac{1}{4}$	15	1,370	$18\frac{3}{4}$	$2\frac{3}{4}$
18	$1\frac{1}{2}$	18	1,665	$22\frac{1}{4}$	3
21	$1\frac{3}{4}$	21	1,995	$25\frac{7}{8}$	$3\frac{1}{4}$
24	2	24	2,400	$29\frac{3}{8}$	$3\frac{3}{8}$

R.R.O. 1970, Reg. 647, Table 15.

TABLE 16  
LOAD FACTORS OF FIXTURES  
AND APPLIANCES

Column 1	Column 2
Fixture	No. of fixture- units
Bathroom group, consisting of 1 water-closet, 1 wash basin and 1 bath tub or shower stall.....	8
Bath tub with or without overhead shower.....	$1\frac{1}{2}$
Bedpan washer.....	6
Bidet.....	1
Combination of sink and laundry tray.....	2
Cuspidor or dental unit.....	1
Dental lavatory.....	1
Dish washer, domestic type.....	$1\frac{1}{2}$
Drinking fountain.....	1
Floor drain.....	3
Household ice box.....	1
Kitchen sink with or without shred- ding device.....	$1\frac{1}{2}$
(a) two compartment.....	3
(b) three compartment.....	$4\frac{1}{2}$
Two compartment laundry tray....	$1\frac{1}{2}$
Shower stall.....	$1\frac{1}{2}$
Showers in a group, each head....	$1\frac{1}{2}$

Sinks	
(a) flushing rim, with valve.....	6
(b) pot, scullery.....	3
(c) service, trap standard type...	3
(d) service, P-trap type.....	2
(e) surgeon's.....	3
(f) small laboratory sink.....	1
(g) three-compartment bar sink...	$1\frac{1}{2}$
(h) cup sink.....	$\frac{1}{2}$
Urinals	
(a) pedestal, siphon-jet or blow out type.....	3
(b) stall, wash out type.....	2
(c) wall, lip type.....	$1\frac{1}{2}$
Wash basin	
(a) $1\frac{1}{4}$ inch trap.....	1
(b) $1\frac{1}{2}$ inch trap.....	$1\frac{1}{2}$
Wash sink, circular or multiple type, each set of faucets.....	2
Water-closet	
(a) tank operated.....	6
(b) valve operated.....	8
Beer dispenser.....	$1\frac{1}{2}$
Dead fish tank or tray.....	$1\frac{1}{2}$
Domestic washing machine.....	$1\frac{1}{2}$
Dish washer commercial.....	4
Potato and vegetable washers and peeler.....	4
Glass washer commercial.....	3
Chinese range.....	3
Garbage can washer.....	$1\frac{1}{2}$
Sauna Bath.....	$1\frac{1}{2}$

R.R.O. 1970, Reg. 647, Table 16.

TABLE 17  
LOAD-FACTORS OF FIXTURES  
Not Itemized in Table 16

Column 1	Column 2
Size of waste-pipe, or trap, in inches	Number of fixture-units
1 ¼ or less	1
1 ½	2
2	3
2 ½	4
3	5
4	6

R.R.O. 1970, Reg. 647, Table 17.

TABLE 18  
MINIMUM SIZES OF TRAPS AND OUTLET-  
CONNECTIONS FOR FIXTURES  
AND APPLIANCES

Column 1	Column 2
Fixture	Minimum trade size of trap and fixture- outlet connection in inches
Bath tub with or without overhead shower.....	1 ½
Beer cabinet.....	1 ½
Bedpan Washer.....	3
Bidet.....	1 ¼
Combination of sink and laundry tray	1 ½
Cuspidor or dental unit.....	1 ¼
Dental lavatory.....	1 ¼
Dish washer, domestic type.....	1 ½
Drinking fountain.....	1 ¼
Floor drain.....	2
Two or three compartment laundry tray.....	1 ½
Refrigerator.....	1 ¼
Shower stall.....	1 ½

Sinks	
(a) flushing rim with valve.....	3
(b) kitchen, domestic type.....	1 ½
(c) pot, scullery.....	1 ½
(d) service, with P-trap.....	2
(e) service, with trap-standard...	3
(f) surgeon's.....	1 ½
Urinals	
(a) Pedestal.....	3
(b) stall, blow-out or siphon jet..	2
(c) Wall hung.....	1 ½
Wash basin.....	1 ¼
Wash sink, circular or multiple....	1 ½
Water-closet.....	3
Beer Dispenser.....	1 ½
Dead fish tank.....	1 ½
Domestic washing machine.....	1 ½
Dish Washer commercial.....	2
Potato and vegetable washer and peeler.....	2
Glass washer commercial.....	1 ½
Three compartment bar sink.....	1 ½
Chinese range.....	1 ½
Garbage can washer.....	1 ½
Garbage chute.....	2
Wet clothes chute.....	2
Sauna bath.....	1 ½

O. Reg. 158/73, s. 28, *part*; O. Reg. 310/76, s. 31.

TABLE 19  
SIZES OF HORIZONTAL BRANCHES

Column 1	Column 2
Branch piping, trade size, in inches	Maximum load, in fixture-units
1 ¼	2
1 ½	4
2	6
2 ½	12
3	30
4	160
5	360
6	620
8	1,400
10	2,500
12	3,900
15	7,000

O. Reg. 158/73, s. 28, *part*.

TABLE 20  
SIZES FOR STACKS

Column 1	Column 2	Column 3
Stack, trade size, in inches	Maximum total load for stack in fixture units	Maximum load at 1 storey in fixture units
1¼	3	3
1½	8	6
2	24	10
2½	42	20
3	60	50
4	500	200
5	1,100	300
6	1,900	450
8	3,600	600
10	5,600	1,000
12	8,400	1,500

R.R.O. 1970, Reg. 647, Table 20.

TABLE 21  
SIZE OF PIPING FOR TRAP VENTS

Column 1	Column 2
Trap, trade size, in inches	Vent pipe, trade size, in inches
1¼	1¼
1½	1¼
2	1½
2½	1½
3	1½
4	1½
5	2
6	2
over 6	3

O. Reg. 158/73, s. 28, *part*.

TABLE 22  
MAXIMUM LENGTH OF VENTS

Column 1	Column 2
Pipe, trade size, in inches	Maximum length, in feet
1¼	50
1½	50
2	60
2½	80
3	100
4	150
5	200
6	250

R.R.O. 1970, Reg. 647, Table 22.

TABLE 23  
STANDARD TRADE SIZES AND CROSS-SECTIONAL AREAS OF VENT PIPES AND STACKS

Column 1	Column 2
Pipe, standard trade size, in inches	Cross-sectional area, in square inches
1¼	1.2272
1½	1.7671
2	3.1416
2½	4.9089
3	7.0686
4	12.5664
5	19.6350
6	28.2743
7	38.4845
8	50.2655
9	63.6173
10	78.5398

R.R.O. 1970, Reg. 647, Table 23.

TABLE 24

MAXIMUM HYDRAULIC LOAD FOR BUILDING DRAINS OR BUILDING SEWERS

Column 1	Column 2	Column 3	Column 4	Column 5
Drain or sewer pipe, trade size, in inches	Maximum load for slope of $\frac{1}{16}$ inch, a foot of run, in fixture-units	Maximum load for slope of $\frac{1}{8}$ inch, a foot of run, in fixture-units	Maximum load for slope of $\frac{1}{4}$ inch, a foot of run, in fixture-units	Maximum load for slope of $\frac{1}{2}$ inch, a foot of run, in fixture-units
4	....	180	216	250
5	....	390	480	575
6	....	700	840	1,000
8	1,400	1,600	1,920	2,300
10	2,500	2,900	3,500	4,200
12	3,900	4,600	5,600	6,700
15	7,000	8,300	10,000	12,000

R.R.O. 1970, Reg. 647, Table 24.

TABLE 25

MINIMUM SIZES OF WATER SUPPLY PIPES TO FIXTURES

Column 1	Column 2
Fixture	Pipe, trade size, in inches
Bath tub.....	$\frac{1}{2}$
Combination of sink and laundry tray	$\frac{1}{2}$
Dish washer, domestic type.....	$\frac{1}{2}$
Drinking fountain.....	$\frac{3}{8}$
Hose connection.....	$\frac{1}{2}$
Hot water boiler.....	$\frac{1}{2}$
Laundry tub, 1, 2, or 3, compartments	$\frac{1}{2}$
Shower, single head.....	$\frac{1}{2}$
Sink.....	$\frac{1}{2}$
Urinal.....	$\frac{1}{2}$
Wash basin.....	$\frac{3}{8}$
Water-closet, tank type.....	$\frac{3}{8}$
Water-closet, flush-valve type.....	1

R.R.O. 1970, Reg. 647, Table 25.

TABLE 26  
ASBESTOS CEMENT PIPE IN POTABLE WATER SYSTEMS

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Class	Trade size (inches)	Working pressure (p.s.i.)	Hydrostatic test pressure (p.s.i.)	Flexural strength (lbs.)	Crushing strength (lbs.)
100	4	100	350	900	4100
	6	100	350	2100	3900
	8	100	350	4000	3700
	10	100	350	....	3700
	12	100	350	....	4000
	14	100	350	....	4400
	16	100	350	....	4800
150	4	150	525	1100	5400
	6	150	525	2800	5400
	8	150	525	5700	5500
	10	150	525	....	7000
	12	150	525	....	7600
	14	150	525	....	8600
	16	150	525	....	9200
200	4	200	700	1400	8700
	6	200	700	3700	9000
	8	200	700	7600	9300
	10	200	700	....	11000
	12	200	700	....	11800
	14	200	700	....	13500
	16	200	700	....	15400

R.R.O. 1970, Reg. 647, Table 26.



TABLE 27—Continued

*Friction Losses in Designated Pipe Sizes Carrying Water at Varying Flow Rates*

*Quoted Figures for 100ft. of I.P.S. pipe in "Fair" Condition*

*Also a Close Approximation for Type "K" Copper Tube*

Gal. per Min. U.S.	Gal. per Min. Can.	Vel. ft./sec.	Frict. head ft.	Frict. loss p.s.i.	Vel. ft./sec.	Frict. head ft.	Frict. loss p.s.i.	Vel. ft./sec.	Frict. head ft.	Frict. loss p.s.i.
			1½ in.			2 in.			2½ in.	
5	4.16	0.79	0.30	0.13	0.48	0.09	0.04	0.33	0.04	0.02
10	8.33	1.57	1.06	0.46	0.96	0.30	0.13	0.67	0.12	0.05
15	12.5	2.36	2.24	0.97	1.43	0.65	0.28	1.00	0.27	0.12
20	16.2	3.14	3.81	1.65	1.91	1.08	0.47	1.34	0.46	0.20
25	20.8	3.93	5.77	2.50	2.39	1.66	0.72	1.67	0.69	0.30
30	25.0	4.72	8.08	3.50	2.87	2.31	1.00	2.01	0.97	0.42
35	29.2	5.50	10.8	4.70	3.34	3.05	1.32	2.34	1.29	0.56
40	33.3	6.30	13.8	6.00	3.82	3.92	1.70	2.68	1.66	0.72
45	37.5	7.07	17.1	7.40	4.29	4.88	2.12	3.01	2.08	0.90
50	41.6	7.86	21.0	9.10	4.77	5.95	2.58	3.35	2.49	1.08
60	50.0	9.44	30.0	13.0	5.73	8.30	3.60	4.02	3.51	1.52
70	58.4	11.0	39.7	17.2	6.68	11.1	4.80	4.68	4.66	2.02
75	62.5	11.8	44.8	19.4	7.16	12.6	5.45	5.02	5.31	2.30
80	66.7	12.6	51.8	22.4	7.64	14.1	6.10	5.37	6.00	2.60
90	75.0	14.1	63.2	27.4	8.56	17.5	7.60	6.03	7.38	3.20
100	83.3	15.7	76.2	33.1	9.55	21.5	9.30	6.71	9.00	3.90
125	104	19.6	116	50.4	11.9	33.2	14.4	8.37	13.8	6.00
150	125				14.3	46.4	20.1	10.1	19.4	8.40
175	146				16.7	61.5	26.7	11.7	25.6	11.1
200	167				19.1	78.3	33.9	13.4	33.2	14.4
250	208				23.9	119	51.8	16.7	49.8	21.6
300	250				28.6	166	72.0	20.1	69.7	30.2

TABLE 27—Continued  
*Friction Losses in Designated Pipe Sizes Carrying Water at Varying Flow Rates*  
*Quoted Figures for 100ft. of I.P.S. pipe in "Fair" Condition*  
*Also a Close Approximation for Type "K" Copper Tube*

Gal. per Min. U.S.	Gal. per Min. Can.	Vel. ft./sec.	Frict. head ft.	Frict. loss p.s.i.	Vel. ft./sec.	Frict. head ft.	Frict. loss p.s.i.
			3 in.			4 in.	
5	4.16						
10	8.33	0.43	0.04	0.02			
15	12.5	0.65	0.09	0.04			
20	16.2	0.87	0.16	0.07			
25	20.8	1.08	0.23	0.10			
30	25.0	1.30	0.32	0.14			
35	29.2	1.51	0.44	0.19			
40	33.3	1.73	0.55	0.24	1.01	0.14	0.06
45	37.5	1.95	0.69	0.30	1.13	0.18	0.08
50	41.6	2.16	0.85	0.37	1.26	0.21	0.09
60	50.0	2.59	1.20	0.52	1.51	0.30	0.13
70	58.4	3.02	1.57	0.68	1.76	0.42	0.18
75	62.5	3.24	1.80	0.78	1.89	0.46	0.20
80	66.7	3.47	2.03	0.88	2.01	0.53	0.23
90	75.0	3.89	2.54	1.10	2.27	0.65	0.28
100	83.3	4.34	3.05	1.32	2.52	0.78	0.34
125	104	5.42	4.62	2.00	3.14	1.20	0.52
150	125	6.50	6.47	2.80	3.77	1.68	0.73
175	146	7.58	8.76	3.80	4.42	2.26	0.98
200	167	8.67	11.2	4.85	5.04	2.88	1.25
250	208	10.8	17.1	7.40	6.30	4.38	1.90
300	250	13.0	23.5	10.2	7.55	6.07	2.63

TABLE 28

Equalization of Pipe and Tube Discharge Rates

Pipe or Tube Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
1/8		2.1	4.5	8.1	16	30	60	88	164	255	439	632	867
1/4			2.1	3.8	7.7	14	28	41	77	120	206	297	407
3/8				1.8	3.6	6.6	13	19	36	56	97	139	191
1/2			1.8		2.0	3.7	7.3	11	20	31	54	78	107
3/4			4.5	2.5		1.8	3.6	5.3	10	16	27	38	53
1			8.8	4.8	2.0		2.0	2.9	5.5	8.5	15	21	29
1 1/4			15	8.2	3.3	1.7		1.5	2.7	4.3	7.4	11	15
1 1/2			23	13	5.1	2.6	1.5		1.9	2.9	5.0	7.2	9.9
2			46	25	10	5.2	3.1	2.0		1.6	2.7	3.9	5.3
2 1/2			79	43	17	9.0	5.3	3.4	1.7		1.7	2.5	3.4
3			124	68	27	14	8.3	5.4	2.7	1.6		1.4	2.0
3 1/2			180	99	40	20	12	7.8	3.9	2.3	1.5		1.4
4			250	137	55	28	17	11	5.4	3.2	2.0	1.4	

Read Figures Above the Diagonal  
for Standard Wall Iron Pipe Sizes

Read Figures Below the Diagonal for Type "L" Copper Tube

## APPENDIX A

## BATH OR SHOWER VALVES

Bath Filler  
 Shower Fitting  
 Bath and Shower Fitting with Diverter Valve  
 Bath and Shower Fitting with Diverter Tub Spout

Bath Filler with Integral Stops  
 Shower Fitting with Integral Stops  
 Bath and Shower Fitting with Diverter Valve,  
 with Integral Stops

Single Control Valve  
 Single Control Valve and Tub Spout  
 Single Control Valve and Shower Head  
 Single Control Valve, Diverter Tub Spout and  
 Shower Head

Wall Mount Bath Filler  
 Wall Mount Bath and Shower Fitting with Diverter  
 Valve

Shower Head

Tempering Valves

## LAVATORY FAUCETS

Single Lavatory Faucet  
 Combination Lavatory Faucet with Mechanical  
 Pop-up  
 Combination Lavatory Faucet less Mechanical  
 Pop-up  
 Mechanical Pop-up

4" Centreset Lavatory Faucet

4" Centreset Lavatory Faucet with Mechanical  
 Pop-up

Single Control 4" centreset  
 Single Control 4" Centreset with Mechanical Pop-  
 up  
 Single Control, Single Hole Mounting, Swing  
 Spout Faucet  
 Single Control, Single Hole Mounting, Swing  
 Spout Faucet with Mechanical Pop-up

Self Closing Faucets

## SINK FAUCETS

Bar Deck Faucet  
 Bar Deck Faucet with Spray

Below Deck Faucet  
 Below Deck Faucet with Third Valve

Below Deck Faucet with Spray  
 Wall Mount Swing Spout  
 Wall Mount Swing Spout with Soapdish

Sink Faucet

Single Control Deck Faucet  
 Single Control Deck Faucet with Spray  
 Single Control, Single Hole Mounting, Swing Spout  
 4" Bar Deck Faucet  
 4" Bar Sink Faucet  
 Single Pantry Faucet

## LAUNDRY FAUCETS

4" Bar Deck Laundry Faucet  
 Laundry Faucet  
 Wall Mount Automatic Washer Valve  
 Built-in Automatic Washer Valve

## SEDIMENT AND LAWN FAUCETS

Sediment Faucets  
 Frost-proof Lawn Faucets

## LINE STOPS

Lavatory Stops  
 Lavatory Supplies  
 Closet Supplies  
 Compression Stops

## WATER-CLOSET FLOAT VALVES AND FLUSH VALVES

Float Valve  
 Flush Valve

## TRAPS AND DRAIN FITTINGS

Basket Strainers  
 Lavatory Traps  
 P.O. Plugs  
 Sink Traps  
 Bath Drain and Overflow  
 Mechanical Bath Drain and Overflow

## TEMPERATURE CONTROL VALVES

—Pressure Balancing Valves  
 —Thermostatic Valves

R.R.O. 1970, Reg. 647, App. A; O. Reg. 344/71, s. 25;  
 O. Reg. 295/79, s. 20.

## REGULATION 737

under the Ontario Water Resources Act

### RATE OF INTEREST

1. For the purpose of paragraph 2 of subsection 35 (1) of the Act the rate of interest is 5 per cent per annum. O. Reg. 107/71, s. 1.



## REGULATION 738

under the Ontario Water Resources Act

### SOUTH CAYUGA SEWAGE WORKS

1. In this Regulation, "South Cayuga Sewage Works" means any works from time to time established in the Town of Haldimand in The Regional Municipality of Haldimand-Norfolk on any part of lots 10 to 21, Concession 4, or lots 10 to 21, Concession 5, in the former Township of South Cayuga for purposes of receiving and treating or disposing of liquid waste and waste contaminated by liquid waste. O. Reg. 1120/80, s. 1.

2. Liquid waste received at a South Cayuga Sewage Works by sewer, motor vehicle or other means for treatment or disposal is specified as sewage for the purposes of clause 1 (*r*) and sections 7 to 13 of the Act. O. Reg. 1120/80, s. 2.

3. Waste contaminated by liquid waste that is received at a South Cayuga Sewage Works by sewer, motor vehicle or other means for treatment or disposal is specified as sewage for the purposes of clause 1 (*r*) and sections 7 to 13 of the Act. O. Reg. 1120/80, s. 3.

4. South Cayuga Sewage Works are exempt from section 24 of the Act. O. Reg. 1120/80, s. 4.



## REGULATION 739

### under the Ontario Water Resources Act

#### WATER WELLS

##### INTERPRETATION

1.—(1) For the purpose of clause 44 (1) (o) of the Act and this Regulation, "owner" means the person registered as owner in fee simple of the land upon which a water well is situated.

(2) In this Regulation,

- (a) "abandoned well" means a well that is not being used or maintained for future use as a well;
- (b) "air vent" means an outlet at the upper end of the well casing that allows for equalization of air pressure between the inside of the well casing and the atmosphere, and for the release of gases from the well;
- (c) "annular space" means open space between the casing and the sides of a well;
- (d) "aquifer" means a water-bearing formation that transmits or is capable of transmitting water in sufficient quantities to serve as a source of water supply;
- (e) "bedrock" means the solid rock underlying unconsolidated material such as sand, gravel and clay;
- (f) "casing" means pipe or tubing installed in a well to support the sides of the well;
- (g) "contractor" means a person who carries on the business of drilling or boring wells for water;
- (h) "date of completion" means the date on which the well-construction equipment is removed from the site of a well;
- (i) "flowing well" means a well that has a static water level above the surface of the ground;
- (j) "static water level" means the level attained by water in or from a well when no water is being taken from the well;
- (k) "water well record" means Form 7 duly completed;
- (l) "well" means a hole made in the ground to obtain, locate or test in respect of water by any means other than by digging.  
R.R.O. 1970, Reg. 648, s. 1.

#### LICENCES TO DRILL AND BORE WELLS

2.—(1) An application for a licence to carry on the business of drilling wells for water shall be in Form 1.

(2) A licence to carry on the business of drilling wells for water shall be in Form 2.

(3) An application for renewal of licence in Form 2 shall be in Form 3. R.R.O. 1970, Reg. 648, s. 2.

3.—(1) An application for a licence to carry on the business of boring wells for water shall be in Form 4.

(2) A licence to carry on the business of boring wells for water shall be in Form 5.

(3) An application for renewal of licence in Form 5 shall be in Form 6. R.R.O. 1970, Reg. 648, s. 3.

4. The fee for a licence in Form 2 or Form 5 or renewal thereof is \$10. R.R.O. 1970, Reg. 648, s. 4.

5.—(1) A licence in Form 2 to carry on the business of drilling wells for water is issued on the condition that,

- (a) where the holder is not a corporation, he has had at least two years experience in drilling wells or equivalent experience, or he retains in his full-time employ a person who has had at least two years experience in drilling wells or equivalent experience;
  - (b) where the holder is a corporation, it retains in its full-time employ a person who has had at least two years experience in drilling wells or equivalent experience; and
  - (c) the holder tests the yield of every well drilled and delivers within two weeks of the date of completion a copy of the water well record in Form 7 to the person who contracted for the drilling of the well.
- (2) A licence in Form 5 to carry on the business of boring wells for water is issued on the condition that,
- (a) where the holder is not a corporation, he has had at least two years experience in boring wells or equivalent experience, or he retains in his full-time employ a person who has had at least two years experience in boring wells or equivalent experience;
  - (b) where the holder is a corporation, it retains in its full-time employ a person who has had at least two years experience in boring wells or equivalent experience; and

- (c) the holder tests the yield of every well bored and delivers within two weeks of the date of completion a copy of the water well record in Form 7 to the person who contracted for the boring of the well. R.R.O. 1970, Reg. 648, s. 5.

#### CONSTRUCTION AND MAINTENANCE

6.—(1) Where a well is bored or drilled, the contractor shall install casing,

- (a) of new material;
- (b) of sufficient length to prevent impairment of the quality of ground water;
- (c) of minimum wall thickness sufficient to prevent the failure of the casing during the construction and operation of the well and in particular, and without limiting the generality of the foregoing, where the casing is of the following materials the wall thicknesses shall be:

1. Nominal 0.188 inches and minimum 0.165 inches for steel casing with an inside diameter of more than two inches.
2. Nominal 0.094 inches and minimum 0.082 inches for steel casing with an inside diameter of two inches or less.
3. 18 gauge for combined corrugated and galvanized steel casing used in bored wells; and

- (d) with any joints made in such a manner that no substance that may impair the quality of the water can enter the well through the joints.

(2) Where a well is drilled, the contractor shall,

- (a) construct that portion of the drilled well from the land surface at the well site to a minimum depth of ten feet, with a minimum diameter two inches greater than the diameter of the proposed finished well;
- (b) fill the annular space from a depth of eight feet or less from the land surface to a minimum depth of ten feet from the land surface, with cement grout, concrete, bentonite or equivalent commercial slurry, or clay slurry; and
- (c) fill the remaining annular space to the land surface, with bentonite or equivalent commercial slurry, clay slurry, well cuttings, or overburden materials.

(3) Where a well is drilled through the bottom of a dug or bored well, the contractor shall,

- (a) extend the casing of the drilled well through the dug or bored portion of the well to within eight feet or less of the land surface at the well site; and
- (b) fill the space from the bottom of the dug or bored portion of the well to a height of at least two feet with cement grout or concrete; or
- (c) construct the drilled well for a minimum distance of three feet below the bottom of the dug or bored portion of the well, with a minimum diameter four inches greater than the diameter of the proposed finished well and fill the annular space below the bottom of the dug or bored well with cement grout or concrete.

(4) Where a drilled well obtains its main water supply from a bedrock aquifer and from ten feet or more below the interface of the bedrock and overburden, the contractor shall firmly seat the casing in the bedrock and if necessary shall grout it into the bedrock to prevent the impairment of the quality of the water in the well and aquifer.

(5) Where a well is bored to a depth of more than eight feet, the contractor shall,

- (a) fill the annular space from the bottom of the well to a level not less than eight feet from the land surface with clean washed gravel or sand;
- (b) fill the annular space from a depth of eight feet or more from the land surface to the land surface with cement grout, concrete, bentonite or equivalent commercial slurry, clay slurry or puddled clay; and
- (c) make or cause to be made watertight all joints in the well casing from its top to a level not less than eight feet below the land surface.

(6) Where a well is bored to a depth of eight feet or less, the contractor shall,

- (a) fill the annular space from the bottom of the well to a level not less than four feet from the land surface with clean washed gravel or sand;
- (b) fill the remaining annular space to the land surface with cement grout, concrete, bentonite or equivalent commercial slurry, clay slurry or puddled clay; and
- (c) make or cause to be made watertight all joints in the well casing in at least the top four feet thereof.

(7) The contractor shall locate a bored well wherever possible at an elevation higher than that of the immediate surrounding area.

(8) The contractor shall extend the casing of a bored well at least six inches above the land surface at the well site.

(9) Where a well casing extends above the land surface, the contractor shall ensure that drainage in the area of the well is in a direction away from the well. R.R.O. 1970, Reg. 648, s. 6.

7.—(1) When the construction of a well is completed, except in the case of a flowing well, the contractor shall,

- (a) chlorinate the water in the well, either prior to or after testing the yield of water from the well, by creating a concentration of 250 parts per million of chlorine in the water in the well; and
- (b) maintain or cause to be maintained the said concentration of chlorine in the water in the well for a minimum period of twelve consecutive hours.

(2) Where a pump is installed immediately after a well is completed, the water in the well may be chlorinated in the manner prescribed in section 14. R.R.O. 1970, Reg. 648, s. 7.

8. When a well is completed, the contractor shall cap the upper open end of the casing securely in a manner sufficient to prevent the entry into the casing of surface water or other foreign materials. R.R.O. 1970, Reg. 648, s. 8.

9. Where a flowing well is constructed, the contractor shall install a device that is capable of controlling the discharge of water from within the well casing. R.R.O. 1970, Reg. 648, s. 9.

10. No person shall construct or use or cause or permit the construction or use of a well pit that will allow the entry of surface water or other foreign materials into a well or aquifer. R.R.O. 1970, Reg. 648, s. 10.

11. The owner of a well shall maintain it at all times after the completion date in a manner sufficient to prevent the entry into the well of surface water or other foreign materials. R.R.O. 1970, Reg. 648, s. 11.

#### PUMP INSTALLATION

12.—(1) Where a connection to the casing of a drilled well is made below the surface of the ground, the person who makes the connection shall install either a well seal or a pitless adapter, both commercially manufactured for the purpose, and shall make the connection watertight.

(2) Where a connection to the casing of a bored well is made below the surface of the ground, the person who makes the connection shall,

- (a) make it watertight with a durable sealing material; and
- (b) fill the excavation with cement grout, bentonite or equivalent commercial slurry, clay slurry or puddled clay extending from the well casing a minimum distance outward of one foot and extending from the bottom of the excavation to within two feet of the land surface. R.R.O. 1970, Reg. 648, s. 12.

13.—(1) Where pumping equipment is installed in a drilled well, other than a well in which the casing is used to transmit water out of the well, the person who installs the equipment shall,

- (a) where the inside diameter of the well casing is less than five inches, install an air vent that has a minimum inside diameter of one-quarter of one inch;
- (b) where the inside diameter of the well casing is five inches or more, install an air vent that has a minimum inside diameter of one-half of one inch;
- (c) where a well pit exists, extend the air vent to within six inches or less below the top of the well pit;
- (d) where a well pit does not exist, extend the air vent a minimum of twelve inches above the level of the land surface; and
- (e) shield and screen the open end of the air vent in a manner sufficient to prevent the entry into the air vent of any material that may impair the quality of the water in the well.

(2) Where pumping equipment other than a vertical-turbine pump is installed in a drilled well, the person who installs the equipment shall seal the top of the well casing with a well cap commercially manufactured for the purpose.

(3) Where a vertical-turbine pump is installed in a well, the person who installs the pump shall,

- (a) where a floor has been constructed around or adjacent to the casing of the well, extend the casing a minimum of six inches above the level of the floor;
- (b) where no floor exists, extend the casing of the well a minimum of twelve inches above the level of the land surface at the well site; and
- (c) shield the top of the casing of the well in a manner sufficient to prevent the entry into the well of any material that may impair the quality of the water in the well. R.R.O. 1970, Reg. 648, s. 13.

14. Where pumping equipment is installed in a well, the person who installs the equipment shall,

- (a) chlorinate the water in the well and the pumping equipment, by creating a concentration of 250 parts per million of chlorine in the water in the well and by causing the chlorinated water to come into contact with all areas of the pumping equipment which will come into contact with water from the well when the well is put into use;
- (b) maintain or cause to be maintained the said concentration of chlorine in the water in the well and the contact of the chlorinated water with the areas of the pumping equipment as stated in clause (a) for a minimum period of twelve consecutive hours; and
- (c) upon the expiration of the period of time stated in clause (b), pump the chlorinated water from the well until such time as there is no odour of chlorine from the said water.

R.R.O. 1970, Reg. 648, s. 14.

#### TESTING OF WELL YIELD

15.—(1) When the yield of water from a well is tested and the pumping equipment used will permit the measurement of water levels in the well, the contractor shall,

- (a) measure and record on the water well record in Form 7 the static water level in the well immediately prior to the commencement of pumping;
- (b) pump water from the well continuously for a minimum period of one hour;
- (c) measure and record on the water well record in Form 7 water levels in the well at fifteen minute intervals from the commencement of pumping for a period of one hour, and in addition, immediately prior to the end of the test, if the test is longer than one hour; and
- (d) record on the water well record in Form 7 at the end of the test the rate of pumping during the test.

(2) The contractor shall measure water levels by means of a tape, air line or electrical device.

(3) If water from the well cannot be pumped continuously for one hour the contractor shall record on the water well record in Form 7,

- (a) the reason pumping was discontinued;
- (b) the rate of pumping and the length of the pumping period; and

(c) the water-level measurements made.

R.R.O. 1970, Reg. 648, s. 15.

16.—(1) When the yield of water from a well is tested and a bailer or other pumping equipment is used that will not permit the accurate measurement of water levels in the well, the contractor shall,

- (a) measure and record on the water well record in Form 7 the static water level in the well immediately prior to the commencement of bailing or pumping;
- (b) bail or pump water from the well continuously for a minimum period of one hour;
- (c) measure and record on the water well record in Form 7 water levels in the well at the termination of bailing or pumping and at fifteen minute intervals thereafter for a period of one hour, and in addition, immediately prior to the end of the observation period, if the recovery of water levels is measured for longer than one hour; and
- (d) record on the water well record in Form 7 at the end of the test the rate of bailing or pumping during the test.

(2) The contractor shall measure water levels by means of a tape, air line or electrical device.

(3) If water from the well cannot be bailed or pumped continuously for one hour the contractor shall record on the water well record in Form 7,

- (a) the reason bailing or pumping was discontinued;
- (b) the rate of bailing or pumping and the length of the bailing or pumping period; and
- (c) the water level measurements made.

R.R.O. 1970, Reg. 648, s. 16.

#### CONTAMINATION CONTROL

17.—(1) Where a contractor bores or drills a well and salty, sulphurous or other non-potable water is encountered, the contractor shall immediately notify the owner that such condition exists, and the owner shall forthwith seal off or cause to be sealed off the water in a manner sufficient to prevent impairment of the quality of the ground water.

(2) Where salty, sulphurous or other non-potable water enters a well after the date of completion, the owner shall forthwith seal off or cause to be sealed off such water in a manner sufficient to prevent impair-

ment of the quality of the ground water. R.R.O. 1970, Reg. 648, s. 17.

PLUGGING OF DRY OR ABANDONED WELLS

18. When a well is dry or abandoned, the owner shall forthwith seal and fill the well with clean material in a manner sufficient to prevent the vertical movement of water in it. R.R.O. 1970, Reg. 648, s. 18.

RECORDS AND RETURNS

19. A contractor shall maintain and have available for inspection at the well site during construction or testing up-to-date records of the construction and testing of the well. R.R.O. 1970, Reg. 648, s. 19.

20. A return under subsection 40 (5) of the Act shall be in Form 7. R.R.O. 1970, Reg. 648, s. 20.

Form 1

Ontario Water Resources Act

APPLICATION FOR A DRILLING CONTRACTOR'S LICENCE

To: The MINISTRY OF THE ENVIRONMENT:

Under section 22 of the *Ontario Water Resources Act*

.....

(name of person, firm or corporation—please print  
Note: Please use the name which is to appear on the  
licence)

.....

(telephone no.)

.....

(address—please print)

applies for a licence to carry on the business of drilling wells for water and in support thereof makes the following statements of fact:

1. Number of years engaged in the business of drilling wells for water.....
2. List below the names of drillers in the business or full-time employ of the applicant with at least two years experience in drilling wells for water:

Name	Address
.....	.....
.....	.....

If more than two, please attach list.
3. If applicant is an individual person and has had at least two years experience in water-well drilling, list the names of your previous employers:

Name	Address
.....	.....
.....	.....

Period of Employment in Months  
(please give dates)

From .....	to .....
From .....	to .....

If more than two, please attach list.
4. If the applicant or any employee has been engaged in the business of drilling wells for water or in other well-construction activities previously, please give full details on an attached sheet.

- 5. Number of drilling machines to be used .....
- 6. Drilling methods to be used .....  
(cable tool, rotary, diamond drill, other)
- 7. Licence fee of \$10 is attached in the form of a cheque..... money order.....

I certify that the information in this application is true, complete and accurate.

.....  
(signature of applicant (where a partnership  
or a corporation, the signature of a partner or  
of an authorized officer of the corporation)

.....  
(title if signed by authorized officer of  
corporation)

Dated at ....., this ..... day of ....., 19....

R.R.O. 1970, Reg. 648, Form 1.

Form 2

*Ontario Water Resources Act*

No.....

DRILLING CONTRACTOR'S LICENCE

Under the *Ontario Water Resources Act* and the regulations, and subject to the limitations thereof, this  
licence is issued to

.....  
of .....

to carry on the business of drilling wells for water.

Dated at Toronto, this ..... day of ....., 19....

R.R.O. 1970, Reg. 648, Form 2.

Form 3

*Ontario Water Resources Act*

APPLICATION FOR RENEWAL OF DRILLING CONTRACTOR'S LICENCE

To: The MINISTRY OF THE ENVIRONMENT:

Under section 22 of the *Ontario Water Resources Act*

.....  
(name of licence—please print) (licence number)  
Note: Please use the name which is to appear on the  
licence)

.....  
(address of licence—please print) (telephone no.)

applies for renewal of a licence to carry on the business of drilling wells for water and in support thereof makes  
the following statements of fact:

1. List below the names of drillers in the business or full-time employ of the licensee who have had at least two years experience in drilling wells for water:

Name	Address
.....	.....
.....	.....
.....	.....

If more than three, please attach list.

2. List the names of apprentice drillers who have been in the full-time employ of the licensee during the last year for which a licence was held:

Name	Address
.....	.....
.....	.....
.....	.....
.....	.....

Period of Employment in Months  
(please give dates)

From .....	to .....
From .....	to .....
From .....	to .....
From .....	to .....

If more than four, please attach list.

3. State total number of wells and test holes drilled in Ontario during the last year a licence was held.....

4. Licence fee of \$10 is attached in the form of a cheque..... money order.....

I certify that the information in this application is true, complete and accurate.

.....  
(signature of applicant (where a partnership  
or a corporation, the signature of a partner or  
of an authorized officer of the corporation)  
.....  
(title if signed by authorized officer of  
corporation)

Dated at ..... this ..... day of ..... 19.....

Form 4

*Ontario Water Resources Act*

APPLICATION FOR A BORING CONTRACTOR'S LICENCE

To: The MINISTRY OF THE ENVIRONMENT:

Under section 22 of the *Ontario Water Resources Act*

.....  
 (name of person, firm or corporation—please print  
 Note: Please use the name which is to appear on the  
 licence)

.....  
 (telephone no.)

.....  
 (address—please print)

applies for a licence to carry on the business of boring wells for water and in support thereof makes the following statements of fact:

1. Number of years engaged in the business of boring wells for water.....
2. List below the names of borers in the business or full-time employ of the applicant with at least two years experience in boring wells for water:

Name

Address

.....  
 .....

If more than two, please attach list.

3. If applicant is an individual person and has had at least two years experience in water-well boring, list the names of your previous employers:

Name

Address

.....  
 .....

Period of Employment in Months  
 (please give dates)

From ..... to .....

From ..... to .....

If more than two, please attach list.

4. If the applicant or any employee has been engaged in the business of boring wells for water or in other well-construction activities previously, please give full details on an attached sheet.
5. Number of boring machines to be used.....
6. Licence fee of \$10 is attached in the form of a cheque..... money order.....

I certify that the information in this application is true, complete and accurate.

.....  
(signature of applicant (where a partnership  
or a corporation, the signature of a partner or  
of an authorized officer of the corporation))

.....  
(title if signed by authorized officer of  
corporation)

Dated at ....., this ..... day of ....., 19....  
R.R.O. 1970, Reg. 648, Form 4.

Form 5

*Ontario Water Resources Act* No.....

BORING CONTRACTOR'S LICENCE

Under the *Ontario Water Resources Act* and the regulations, and subject to the limitations thereof, this  
licence is issued to

.....  
of .....

to carry on the business of boring wells for water.

Dated at Toronto, this ..... day of ....., 19....  
R.R.O. 1970, Reg. 648, Form 5.

Form 6

*Ontario Water Resources Act*

APPLICATION FOR RENEWAL OF BORING CONTRACTOR'S LICENCE

To: The MINISTRY OF THE ENVIRONMENT:

Under section 22 of the *Ontario Water Resources Act*

.....  
(name of licensee—please print (licence number)  
Note: Please use the name which is to appear on the  
licence)

.....  
(address of licensee—please print) (telephone no.)

applies for renewal of a licence to carry on the business of boring wells for water and in support thereof makes  
the following statements of fact:

1. List below the names of borers in the business or full-time employ of the licensee who have had at least  
two years experience in boring wells for water:

Name	Address
.....	.....
.....	.....
.....	.....

If more than three, please attach list.

2. List the names of apprentice borers who have been in the full-time employ of the licensee during the last year for which a licence was held:

Name	Address
.....	.....
.....	.....
.....	.....
.....	.....

Period of Employment in Months  
(please give dates)

From .....	to .....
From .....	to .....
From .....	to .....
From .....	to .....

- If more than four, please attach list.
3. State total number of wells and test holes bored in Ontario during the last year a licence was held .....
4. Licence fee of \$10 is attached in the form of a cheque..... money order.....

I certify that the information in this application is true, complete and accurate.

.....  
(signature of applicant (where a partnership  
or a corporation, the signature of a partner or  
of an authorized officer of the corporation))  
  
.....  
(title if signed by authorized officer of  
corporation)

Dated at ....., this ..... day of ....., 19....

R.R.O. 1970, Reg. 648, Form 6.

Form 7

Ontario Water Resources Act  
WATER WELL RECORD

..... (County, etc. or District)	..... (Township, Borough, City, Town, Village)
..... (Con., Block, Tract, Survey, etc.)	..... (Lot)
..... (Owner)	..... (Address)

Date completed.....  
(day month year)

LOG OF OVERBURDEN AND BEDROCK MATERIALS					
General Colour	Most Common Material	Other Materials	General Description	Depth	Feet
				From	To

Check ✓ boxes where applicable.

	WATER RECORD
Water Found at — Feet	Kind of Water
	<div><input type="checkbox"/> Fresh</div> <div><input type="checkbox"/> Salty</div> <div><input type="checkbox"/> Sulphur</div> <div><input type="checkbox"/> Mineral</div>
	<div><input type="checkbox"/> Fresh</div> <div><input type="checkbox"/> Salty</div> <div><input type="checkbox"/> Sulphur</div> <div><input type="checkbox"/> Mineral</div>
	<div><input type="checkbox"/> Fresh</div> <div><input type="checkbox"/> Salty</div> <div><input type="checkbox"/> Sulphur</div> <div><input type="checkbox"/> Mineral</div>
	<div><input type="checkbox"/> Fresh</div> <div><input type="checkbox"/> Salty</div> <div><input type="checkbox"/> Sulphur</div> <div><input type="checkbox"/> Mineral</div>
	<div><input type="checkbox"/> Fresh</div> <div><input type="checkbox"/> Salty</div> <div><input type="checkbox"/> Sulphur</div> <div><input type="checkbox"/> Mineral</div>

CASING AND OPEN HOLE RECORD				
Inside Diameter Inches	Material	Wall Thickness Inches	Depth Feet	
			From	To
	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open Hole			
	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open Hole			
	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open Hole			

Screen	Size(s) of Opening (Slot No.)	Diameter Inches	Length Feet
	Material and Type		Depth to Top of Screen Feet

PLUGGING AND SEALING RECORD		
Depth Set at Feet		Material and Type (Cement Grout, Lead Packer, etc.)
From	To	



## LOCATION OF WELL

In Diagram Below Show Distances of Well From Road and Lot Line. Indicate North By Arrow.

Driller's Remarks:

Contractor	.....	.....
	(name of well contractor)	(licence number)
	.....	.....
	(address)	
	.....	.....
	(name of driller or borer)	(licence number)
	(signature of contractor)	
	Submission Date.....	
	(day month year)	

Office Use Only			

## REGULATION 740

### under the Operating Engineers Act

#### GENERAL

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "coiled tube boiler" means a boiler with one or more coiled tubes having attached thereto a forced circulation water pump, a pressure limiting device and a prepurge flame failure device;
- (b) "commercial water tube boiler" means a boiler that is comprised of a top and bottom drum that are connected by tubes and that has the protective devices specified in subsections 25 (1), (5) and (6);
- (c) "dual control boiler" means a boiler or boilers having attached thereto a low-pressure control device and a pressure-recording device;
- (d) "engine" includes a turbine;
- (e) "examination" means an examination under clause 22 (1) (b) of the Act;
- (f) "guarded" means,
  - (i) in relation to a plant that every boiler, compressor or engine in the plant is guarded, and
  - (ii) in relation to a boiler, compressor or engine, as the case may be, that the boiler, compressor or engine is provided with such devices in good operating condition as will ensure that the boiler, compressor or engine may be operated safely,

notwithstanding that the operating engineer or operator in charge of the plant may be absent from the boiler room, compressor room or engine room, as the case may be or, where the boiler, compressor or engine is not enclosed in a room, from the immediate vicinity;

- (g) "qualifying experience" means practical operating experience obtained during regular work periods,
  - (i) in any boiler or compressor installation that is defined as a plant in section 1 of the Act,

- (ii) in the boiler room and engine room of a steam-driven ship,
- (iii) under the supervision of the chief operating engineer or chief operator in a guarded plant as defined in this Regulation, or
- (iv) in a boiler or compressor installation that is defined as a plant in section 1 of the Act and is not situated in Ontario,

and may include the time spent in performing mechanical maintenance work on the premises on which the plant is situated;

- (h) "thermal liquid boiler" means a pressure vessel the contents of which are heated by a liquid circulated through a tube or tubes that are submerged in water, where the Therm-hour rating of the boiler is more than seventeen. R.R.O. 1970, Reg. 649, s. 1; O. Reg. 470/75, s. 1; O. Reg. 993/75, s. 1.

#### QUALIFICATIONS OF MEMBERS OF THE BOARD AND OF INSPECTORS

#### 2. A person is qualified to be appointed chief officer or an examiner if he,

- (a) holds a certificate of qualification as a stationary engineer (first class); and
- (b) holds as evidence of general education an Ontario Secondary School Graduation Diploma or possesses such other evidence that satisfies the Minister that he has educational qualifications equivalent to an Ontario Secondary School Graduation Diploma; or
- (c) is registered as a member of The Association of Professional Engineers of the Province of Ontario. O. Reg. 37/78, s. 1.

#### 3. A person is qualified to be appointed an inspector if he,

- (a) holds a certificate of qualification as a stationary engineer (first class or second class);
- (b) holds a certificate of qualification as a stationary engineer (third class) and a

certificate of qualification as a hoisting or steam-hoisting engineer;

(c) holds a certificate of competency under the *Boilers and Pressure Vessels Act*; or

(d) holds a certificate of qualification as a hoisting or steam hoisting engineer,

and holds as evidence of general education an Ontario Secondary School Graduation Diploma, or possesses such other evidence that satisfies the Minister that he has educational qualifications equivalent to an Ontario Secondary School Graduation Diploma. R.R.O. 1970, Reg. 649, s. 3.

#### QUALIFICATIONS OF APPLICANTS FOR CERTIFICATES

4.—(1) An applicant for a certificate of qualification as a stationary engineer (fourth class) shall,

(a) furnish evidence that he has operated a plant in Ontario for one year under a provisional certificate of qualification as a stationary engineer (fourth class); or

(b) furnish evidence of,

(i) accreditation in the subjects that comprise the training profile for this class of certificate, and

(ii) previous training and experience as prescribed by subsection (2).

(2) For the purposes of subclause (1) (b) (ii), an applicant shall,

(a) furnish evidence from his employer stating that he has had three months qualifying experience in a stationary power plant or a low pressure stationary plant;

(b) furnish evidence that he holds a certificate of competency as a third class engineer (steam or with steam endorsement) issued under the authority of the *Canada Shipping Act*, as amended or re-enacted from time to time; or

(c) furnish evidence that he has at least twelve months operating experience on boilers, engines and auxiliaries of naval or merchant ships equipped with boilers. O. Reg. 470/75, s. 3.

5.—(1) An applicant for a certificate of qualification as a stationary engineer (third class) shall,

(a) furnish evidence that he has operated a plant in Ontario for one year under a provisional certificate of qualification as a stationary engineer (third class); or

(b) furnish evidence of,

(i) accreditation in the subjects that comprise the training profile for this class of certificate, and

(ii) previous training and experience as prescribed by subsection (2).

(2) For the purposes of subclause (1) (b) (ii), an applicant shall,

(a) hold a certificate of qualification as a stationary engineer (fourth class) and shall furnish evidence from his employer stating that he has had, in addition to the qualifying experience prescribed by the regulations for a certificate of qualification as a stationary engineer (fourth class), a further twelve months qualifying experience in a stationary power plant or a low pressure stationary plant that is not guarded;

(b) hold a certificate of competency as a second class engineer (steam or steam endorsement),

(i) issued under the *Merchant Shipping Act* (Imperial), as amended or re-enacted from time to time, or

(ii) issued under the *Canada Shipping Act*, as amended or re-enacted from time to time; or

(c) furnish evidence that he has had two years experience on boilers, engines and auxiliaries of naval or merchant ships equipped with boilers. O. Reg. 470/75, s. 4.

6.—(1) An applicant for a certificate of qualification as a stationary engineer (second class) shall,

(a) furnish evidence that he has operated a plant in Ontario for one year under a provisional certificate of qualification as a stationary engineer (second class); or

(b) furnish evidence of,

(i) accreditation in the subjects that comprise the training profile for this class of certificate, and

(ii) previous training and experience as prescribed by subsection (2).

(2) For the purpose of subclause (1) (b) (ii), an applicant shall,

(a) hold a certificate of qualification as a stationary engineer (third class) and shall furnish evidence from his employer stating that he has had, in addition to the qualifying experience prescribed by the regulations for a certificate of qualification as a stationary engineer (third class), a further

eighteen months qualifying experience in a stationary power plant having a Therm-hour rating exceeding 134;

- (b) hold a certificate of competency as a first class engineer (steam or with steam endorsement),
  - (i) issued under the authority of the *Merchant Shipping Act* (Imperial), as amended or re-enacted from time to time, or
  - (ii) issued under the authority of the *Canada Shipping Act*, as amended or re-enacted from time to time;
- (c) hold a certificate of competency as a second class engineer (steam or with steam endorsement),
  - (i) issued under the authority of the *Merchant Shipping Act* (Imperial), as amended or re-enacted from time to time, or
  - (ii) issued under the authority of the *Canada Shipping Act*, as amended or re-enacted from time to time,

and has at least one year of qualifying experience in a stationary power plant having a Therm-hour rating exceeding 134; or

- (d) furnish evidence that he,
  - (i) holds an engineering degree conferred by a university in Canada or by a university outside Canada, where the course of study leading to the degree is, in the opinion of the Board, equivalent to that leading to an engineering degree in a university in Canada, and
  - (ii) has had at least twenty-four months of qualifying experience that is approved by the Board for the purpose of this section in a stationary power plant having a Therm-hour rating exceeding 12,000 that is generating electricity for Ontario Hydro. O. Reg. 470/75, s. 5.

7.—(1) An applicant for a certificate of qualification as a stationary engineer (first class) shall,

- (a) furnish evidence of accreditation in the subjects which comprise the training profile for this class of certificate; and
- (b) furnish evidence of previous training and experience as prescribed by subsection (2).

(2) An applicant shall,

- (a) hold a certificate of qualification as a stationary engineer (second class) and shall furnish evidence from his employer stating that he has had, in addition to the qualifying experience prescribed by the regulations for a certificate of qualification as a stationary engineer (second class), a further thirty months qualifying experience in a stationary power plant and shall have spent not less than,
  - (i) six months of the thirty months in a stationary power plant having a Therm-hour rating in excess of 134, and
  - (ii) twenty-four months of the thirty months in a stationary power plant having a Therm-hour rating in excess of 300;
- (b) have the qualifications and experience prescribed in clauses 6 (2) (b) and (c), and not less than twelve months of qualifying experience in a stationary power plant with a Therm-hour rating exceeding 300; or
- (c) furnish evidence that he,

- (i) holds an engineering degree conferred by a university in Canada or by a university outside Canada where the course of study leading to the degree is, in the opinion of the Board, equivalent to that leading to an engineering degree in a university in Canada, and
- (ii) has had at least thirty-six months of qualifying experience that is approved by the Board for the purpose of this section in a stationary power plant with a Therm-hour rating exceeding 12,000 that is generating electricity for Ontario Hydro. O. Reg. 470/75, s. 6.

8. An applicant for a certificate of qualification as a steam-hoisting engineer shall,

- (a) be at least eighteen years of age;
- (b) obtain a mark of not less than 50 per cent on each examination subject and an overall examination average mark of not less than 60 per cent;
- (c) furnish evidence from his employer stating that he has had at least eighteen months of qualifying experience in a steam hoisting plant; and
- (d) furnish a written statement signed by his employer that he has demonstrated his

ability to operate a steam-hoisting plant in a safe manner. R.R.O. 1970, Reg. 649, s. 8; O. Reg. 297/73, s. 3.

9. An applicant for a certificate of qualification as a hoisting engineer shall,

- (a) be at least eighteen years of age;
- (b) obtain a mark of not less than 50 per cent on each examination subject and an overall examination average mark of not less than 60 per cent;
- (c) furnish evidence from his employer stating that he has had at least eighteen months of qualifying experience in a hoisting plant; and
- (d) furnish a written statement signed by his employer that he has demonstrated his ability to operate a hoisting plant in a safe manner. R.R.O. 1970, Reg. 649, s. 9; O. Reg. 297/73, s. 4.

10. An applicant for a certificate of qualification as a compressor operator shall,

- (a) be at least eighteen years of age;
- (b) obtain a mark of not less than 50 per cent on each examination subject and an overall examination average mark of not less than 60 per cent; and
- (c) furnish evidence from his employer stating that he has had at least six months of qualifying experience in a compressor plant. R.R.O. 1970, Reg. 649, s. 10; O. Reg. 297/73, s. 5.

11. An applicant for a certificate of qualification as a refrigeration operator (B class) shall,

- (a) be at least eighteen years of age;
- (b) obtain a mark of not less than 50 per cent on each examination subject and an overall examination average mark of not less than 60 per cent; and
- (c) furnish evidence from his employer stating that he,
  - (i) has had at least one year of qualifying experience in a refrigeration plant, or
  - (ii) has had six months of experience in installing and servicing refrigeration equipment and six months of qualifying experience in a refrigeration plant. R.R.O. 1970, Reg. 649, s. 11; O. Reg. 297/73, s. 6.

12. An applicant for a certificate of qualification as a refrigeration operator (A class) shall,

- (a) obtain a mark of not less than 50 per cent on each examination subject and an overall examination mark of not less than 60 per cent;
- (b) be the holder of a certificate of qualification as a refrigeration operator (B class); and
- (c) furnish evidence from his employer stating that he has had at least four years of qualifying experience in a refrigeration plant of which not less than one year has been in a plant having a Therm-hour rating exceeding 10.176. R.R.O. 1970, Reg. 649, s. 12; O. Reg. 297/73, s. 7.

13. Where an applicant for a certificate of qualification has successfully completed a course of training for the certificate of qualification, such portion of the time spent by the applicant in completing the course of training as is approved by the Board may be included in the calculation of qualifying experience for the purposes of sections 4 to 12. R.R.O. 1970, Reg. 649, s. 13.

#### RE-EXAMINATIONS

14.—(1) Subject to subsection (2), an applicant for a certificate of qualification who has failed to pass the examination required by the Board may, on payment of the fee prescribed in the Schedule, be re-examined upon presenting himself for his re-examination at a place, date and time appointed by the Board.

(2) A re-examination under subsection (1) shall not be held within sixty days following the previous examination. O. Reg. 470/75, s. 7.

#### ISSUE OF CERTIFICATES

15.—(1) No certificate of qualification or provisional certificate of qualification shall be issued until the applicant has,

- (a) delivered to the Board his application in the prescribed form; and
- (b) fulfilled the requirements referred to in section 22 or 23 of the Act, as the case may be. O. Reg. 299/72, s. 1, *part*.

(2) A certificate of qualification issued for the first time expires on the second birthday next following of the holder of the certificate.

(3) A renewal of a certificate of qualification, upon payment of the prescribed fee, shall be valid for a period of two years. O. Reg. 470/75, s. 8, *part*.

(4) Upon the issue or renewal of a certificate of qualification, a seal provided by the Board, indicating the expiry date of the certificate, shall forthwith upon its receipt by the applicant be affixed by the applicant to his certificate of

qualification in the space provided thereon. O. Reg. 299/72, s. 1, *part*.

(5) Where a certificate of qualification has not been renewed within one year of the date of its expiry the certificate shall not be reinstated until the fee prescribed in the Schedule is paid, and the Board is satisfied that the applicant is capable of performing the duties of an operating engineer or operator. O. Reg. 470/75, s. 8, *part*.

(6) A person holding a subsisting certificate of qualification shall notify the Board in writing within fifteen days of a change of his address. O. Reg. 299/72, s. 1, *part*.

(7) Where a person proves to the satisfaction of the Board that,

- (a) his certificate of qualification has been lost or destroyed; or
- (b) his name has been changed,

the Board shall, on payment of the fee prescribed in the Schedule, issue to him a duplicate certificate of qualification, or in the case of a change in name, reissue his certificate of qualification. O. Reg. 297/73, s. 8.

#### EVIDENCE OF AGE

16.—(1) Where evidence of age is required under this Regulation, an applicant for a certificate of qualification or a provisional certificate of qualification shall furnish his birth certificate.

(2) Where the Board is satisfied that it is not practicable for the applicant to furnish his birth certificate, the Board may accept,

- (a) one item of Class A evidence of birth; or
- (b) two items of Class B evidence of birth,

as prescribed in section 8 or 10 of Regulation 942 of Revised Regulations of Ontario, 1980. R.R.O. 1970, Reg. 649, s. 16.

#### OPERATION BY AUTHORIZED PERSONS

17. A user shall ensure that his plant is operated by a person who holds a certificate of qualification that authorizes him to operate that plant. R.R.O. 1970, Reg. 649, s. 17.

#### CHIEF OPERATING ENGINEERS AND CHIEF OPERATORS

18. In addition to any powers and duties prescribed by the Act, a chief operating engineer or a chief operator, as the case may be,

- (a) shall take all measures necessary to maintain the plant in a safe operating condition

and shall notify the user of the measures taken;

- (b) shall maintain discipline among the persons employed in the plant who are under his control or supervision;
- (c) shall direct and supervise shift engineers or shift operators, as the case may be, in their work and duties for the safe operation of the plant;
- (d) shall ensure that an accurate record of matters that may affect the safety of the plant is made and maintained at all times as required by section 21; and
- (e) shall supervise and be responsible for the repair and maintenance of the plant where the plant is a boiler or compressor plant; and
- (f) shall, subject to section 24, supervise or perform operational and maintenance work on the premises on which the plant is situated. R.R.O. 1970, Reg. 649, s. 18; O. Reg. 424/79, s. 1.

#### SHIFT ENGINEERS AND SHIFT OPERATORS

19. In addition to the powers and duties prescribed by the Act, a shift engineer or shift operator, as the case may be, shall,

- (a) under the direction and supervision of the chief operating engineer or chief operator, as the case may be,
  - (i) be responsible for the safe operation of the plant,
  - (ii) supervise other employees on his shift who are under his control,
  - (iii) subject to section 24, perform maintenance and operational work on the premises on which the plant is situated;
- (b) maintain a close watch on the condition and repair of all equipment in the plant and report to the chief operating engineer or chief operator, as the case may be, any condition that may impair the safety of the plant;
- (c) take such measures as are necessary to prevent any immediate danger; and
- (d) ensure that an accurate record of matters that may affect the safety of the plant is made and maintained at all times during the shift period as required by section 21.

R.R.O. 1970, Reg. 649, s. 19; O. Reg. 502/71, s. 1; O. Reg. 424/79, s. 2.

#### HOISTING ENGINEERS AND STEAM-HOISTING ENGINEERS

20. In addition to the powers and duties prescribed by the Act, a hoisting engineer or a steam-hoisting engineer shall,

- (a) take all measures necessary to maintain the plant in safe operating condition and shall notify the user of the measures taken;
- (b) maintain discipline among employees under his control or supervision;
- (c) maintain a close watch on the condition, repair and testing of all parts of the plant and report to the user thereof any condition that may impair the safety of the plant; and
- (d) operate the plant in his charge so as not to endanger the safety of any person in the vicinity of the plant. R.R.O. 1970, Reg. 649, s. 20.

#### LOG BOOKS

21.—(1) The user shall provide for use in his plant a log book in a form approved by the chief officer.

(2) The person in charge of a shift in a plant shall record in the log book in respect of his shift,

- (a) the date, the number or designation of the shift and his name;
- (b) any change from normal operating procedure, and the time of such change;
- (c) any special instructions that may have been given to achieve the change referred to in clause (b) and the name of the person who gave the instructions;
- (d) any unusual or abnormal condition observed in the plant, and the time thereof;
- (e) repairs to any part of the plant and the time such repairs were commenced and, if completed on his shift, the time thereof; and
- (f) the time of commencing and terminating his shift.

(3) No person shall deface, damage, destroy or, without permission of the user, remove the log book from the plant.

(4) The user shall ensure that the log book is kept accessible in the plant for at least one year after the last entry therein and shall produce the log book for examination upon the request of an inspector. R.R.O. 1970, Reg. 649, s. 21.

#### ISOLATION OF BOILERS AND COMPRESSORS

22.—(1) The user of a boiler or prime mover of a compressor that is not included in determining the total Therm-hour rating of a plant shall notify the chief officer that the boiler or compressor is to be isolated by sealing by an inspector.

(2) Every boiler or prime mover of a compressor that is not included in determining the total Therm-hour rating of a plant shall be isolated by an inspector sealing it in such manner that such boiler or compressor is incapable of being used without removal of the seal.

(3) Except with the permission of the chief officer, no person shall remove a seal that has been affixed to a boiler or compressor by an inspector.

(4) The user shall pay the fee prescribed in the Schedule for affixing a seal to a boiler or compressor in the user's plant.

(5) No person shall operate a boiler or prime mover of a compressor unless the Therm-hour rating of the boiler or prime mover is included in the total Therm-hour rating of the plant. R.R.O. 1970, Reg. 649, s. 22.

23. Where the chief officer is satisfied that the plant user has made every effort to acquire the services of a chief operating engineer or a shift engineer and is unsuccessful, the chief officer may authorize the user in writing to operate the plant for a specified time with a temporary chief operating engineer or shift engineer, as the case may be, who holds a certificate of qualification one class lower than that stated on the plant registration certificate. O. Reg. 470/75, s. 9.

#### ABSENCES FROM PLANTS

24.—(1) Where a guarded plant complies with the requirements of section 25 and the protective devices are functioning properly, the operating engineer or operator in charge of a guarded plant mentioned in subsection (2) may be absent from the plant to perform maintenance work on the premises in which the plant is located with the permission of,

- (a) the chief operating engineer or chief operator, as the case may be; or
- (b) the plant user, where the guarded plant has one operating engineer or operator in charge.

(2) Where the user of a guarded plant complies with requirements of section 25 and the protective devices are functioning properly, the user shall,

- (a) have one stationary engineer, compressor operator or refrigeration operator, as the case may be, in charge of,

- (i) a guarded low-pressure stationary plant having a Therm-hour rating of 100 or less,
  - (ii) a guarded stationary power plant having a Therm-hour rating of 34 or less,
  - (iii) a guarded steam-powered plant having a Therm-hour rating of 10.176 or less,
  - (iv) a guarded plant comprised of one or more commercial water tube boilers, where each boiler contains steam at a pressure of fifteen pounds per square inch or less or water at a temperature of 250 degrees F. or less, and the total Therm-hour rating of the boilers is 400 or less,
  - (v) a guarded plant comprised of one or more commercial water tube boilers, where each boiler contains steam at a pressure of more than fifteen pounds per square inch of water at a temperature of more than 250 degrees F. and the total Therm-hour rating of the boilers is 134 or less,
  - (vi) a guarded compressor plant having a Therm-hour rating of 10.176 or less, or,
  - (vii) a guarded refrigeration plant having a Therm-hour rating of 5.088,
- whether the guarded plant operates twenty-four hours a day or less;
- (b) have one stationary engineer (fourth class) in charge, and a stationary engineer on each succeeding shift of,
    - (i) a guarded low pressure stationary plant having a Therm-hour rating of more than 100 and up to and including 134, or
    - (ii) a guarded stationary power plant having a Therm-hour rating of more than 34 and up to and including 50;
  - (c) have a stationary engineer (third class), compressor operator or refrigeration operator in charge and a stationary engineer, compressor operator or refrigeration operator, as the case may be, on each succeeding shift of,
    - (i) a guarded low-pressure stationary plant having a Therm-hour rating of more than 134 and up to and including 400,
    - (ii) a guarded stationary power plant having a Therm-hour rating of more than 50 and up to and including 134,

(iii) a guarded compressor plant having a Therm-hour rating of more than 10.176 and up to and including 20.352,

(iv) a guarded refrigeration plant having a Therm-hour rating of more than 5.088 and up to and including 20.352, or

(v) a guarded steam powered plant having a Therm-hour rating of more than 10.176 up to and including 20.352; and

(d) unless otherwise authorized by the chief officer, have one stationary engineer (third class) in charge of a thermal liquid boiler during such times as the boiler is in operation, whether the boiler operates twenty-four hours a day or less. O. Reg. 424/79, s. 3, *part*.

(3) In a plant that is not guarded, the operating engineer or operator in charge of,

(a) a stationary power plant with a Therm-hour rating not exceeding fifty;

(b) a low-pressure stationary plant with a Therm-hour rating not exceeding 134; or

(c) a steam-powered plant, a refrigeration plant or a compressor plant with a Therm-hour rating not exceeding 5.088,

may be absent as provided for in section 20 of the Act from the plant for not more than fifteen minutes in any one hour.

(4) The user of a plant in which there is installed as part of the plant,

(a) a guarded compressor with a Therm-hour rating exceeding 1.145 and not exceeding 3.816;

(b) a guarded refrigeration compressor with a Therm-hour rating exceeding 0.7632 and not exceeding 2.544;

(c) a guarded boiler for steam at a pressure of fifteen pounds per square inch or less and for water at a temperature of more than 212°F. and not more than 250°F. and having a Therm-hour rating exceeding ten and not exceeding fifty; or

(d) a guarded boiler for steam at a pressure of more than fifteen pounds per square inch or for water at a temperature of more than 250°F. and with a Therm-hour rating exceeding five and not exceeding seventeen,

shall ensure that when any one such guarded compressor or guarded boiler is operated no other part of the plant is operated unless a person who is qualified under section 16 of the Act is present in the plant as provided for in section 20 of the Act. O. Reg. 502/71, s. 2, *part*.

## FAIL-SAFE DEVICES

25.—(1) The user of a boiler in a guarded stationary power plant or a guarded low-pressure stationary plant shall provide the boiler with protective devices including,

- (a) a high-pressure limiting device on the steam boiler or a high-temperature limiting device on the hot-water boiler, as the case may be;
- (b) a low-water level limiting device separate from any other device that controls the feed-water supply to the steam boiler;
- (c) a high-water level limiting device separate from any other device that controls the feed-water supply to the steam boiler; and
- (d) a pre-purge and flame failure device that will automatically prevent the supply of fuel to the boiler when an abnormal condition occurs during the operation of the boiler.

(2) The user of a compressor in a guarded refrigeration plant shall provide the compressor with protective devices including,

- (a) a high-liquid level limiting device on the evaporator or the suction drum of the compressor;
- (b) a high-temperature limiting device in the cooling-water discharge line; and
- (c) a low-pressure limiting device in the lubricating oil system,

which device will automatically prevent the supply of energy to the prime mover of the compressor when an abnormal condition occurs during the operation of the compressor. R.R.O. 1970, Reg. 649, s. 25 (1, 2).

(3) The user of a compressor in a guarded compressor plant shall provide the compressor with protective devices including,

- (a) a high-temperature limiting device in the compressor discharge line;
- (b) a high-temperature limiting device in the cooling-water discharge line;
- (c) a low-pressure limiting device in the lubricating oil system,

which device will automatically prevent the supply of energy to the prime mover of the compressor when an abnormal condition occurs during the operation of the compressor. R.R.O. 1970, Reg. 649, s. 25 (3); O. Reg. 299/72, s. 2.

(4) The user of an engine in a guarded steam-powered plant shall provide the engine with a device to automatically cut off the supply of steam when the engine exceeds its maximum safe speed. R.R.O. 1970, Reg. 649, s. 25 (4).

(5) The user of a guarded plant referred to in subsections 24 (1) and (2) shall provide the plant with an audible and visual alarm system that will,

- (a) ensure that the operating engineer or operator is warned when any abnormal or unsafe condition for which a protective device is prescribed in subsections (1) to (4) occurs; and
- (b) extend to any part of the premises on which the plant is situated and in which the operating engineer or operator may be present while in charge of the plant. O. Reg. 502/71, s. 3.

(6) Each protective device prescribed in subsections (1) to (5) shall,

- (a) not be capable of automatically restarting the plant; and
- (b) maintain the visual warning until the abnormal or unsafe condition is rectified.

(7) The operating engineer or operator in charge of a guarded boiler or guarded compressor, as the case may be, shall ensure that the safety valve and other fittings, prescribed in the *Boilers and Pressure Vessels Act* and the regulations thereunder, are in safe working condition. R.R.O. 1970, Reg. 649, s. 25 (6, 7).

26. Where any protective device in a guarded plant ceases to function properly, the user shall ensure that the plant is not operated unless,

- (a) an operating engineer or operator as required by section 16 of the Act is in constant attendance in the plant; or
- (b) the protective device has been repaired or replaced, and tested and found to function properly by a person competent to do so. R.R.O. 1970, Reg. 649, s. 26.

## COILED TUBE BOILER

27. Where a plant is comprised of one or more coiled tube boilers, and,

- (a) each boiler contains steam at a pressure of more than fifteen pounds per square inch or water at a temperature of more than 250°F. and the combined total water content of the boilers does not exceed 250 Imperial gallons; or

- (b) each boiler contains steam at a pressure of fifteen pounds per square inch or less or water at a temperature of 250°F. or less and the combined total water content of the boilers does not exceed 750 Imperial gallons,

an operating engineer is not required to be in attendance. O. Reg. 502/71, s. 4.

**28.** Where the combined total water content of one or more coiled tube boilers exceeds those stated in section 27, the user shall ensure that an operating engineer is in attendance in the boiler room of the plant. O. Reg. 502/71, s. 5.

#### EXEMPTION

**29.—**(1) Subject to section 26, where a plant is comprised of a dual control boiler and the Therm-hour rating of the plant is not more than 50 and the dual control boiler is to be operated at a pressure of less than 15, an operating engineer is not required to be in attendance at the plant if the plant is equipped with,

- (a) a low-pressure control device that restricts the operating pressure of the dual control boiler to 15; and
- (b) the protective devices required by subsection 25 (1), so long as the high-pressure limiting device or the high-temperature limiting device referred to in clause 25 (1) (a) is set for low pressure operation.

(2) The results obtained from the pressure recording device attached to the dual control boiler shall be retained for a period of twelve months and shall be available to an inspector at all times.

(3) All protective and control devices described in subsection (1) shall be approved by the chief officer. R.R.O. 1970, Reg. 649, s. 29.

#### REPORTING ACCIDENTS

**30.** Where in a plant for which a certificate of registration has been issued or in an operation involving a hoisting plant,

- (a) a person is killed or critically injured from any cause; or
- (b) an accident occurs involving public liability or property damage to any part of the plant equipment in operation,

the user shall notify the chief officer of the death, injury or accident, as the case may be, by telephone or other direct means and shall within forty-eight hours after the death, injury or accident, as the case may be, send the chief officer a written report of the circumstances. R.R.O. 1970, Reg. 649, s. 30.

#### FORMS AND FEES

**31.—**(1) An application for registration of a plant shall be in Form 1.

(2) A certificate of registration of a plant shall be in Form 2.

(3) An application for registration of a guarded plant shall be in Form 3.

(4) A certificate of registration of a guarded plant shall be in Form 4.

(5) A notice of isolation of a boiler or compressor shall be in Form 5.

(6) An application for a certificate of qualification shall be in Form 6. R.R.O. 1970, Reg. 649, s. 31 (1-6).

(7) A certificate of qualification shall be in Form 7 and Form 8. O. Reg. 299/72, s. 3.

(8) An application for a duplicate certificate of qualification or provisional certificate of qualification shall be in Form 9.

(9) A provisional certificate of qualification shall be in Form 10.

(10) The fees payable under this Regulation are those prescribed in the Schedule. R.R.O. 1970, Reg. 649, s. 31 (8-12).

**Schedule**  
**PRESCRIBED FEES**

Item No.	Subject	Fee \$	Item No.	Subject	Fee \$
	<b>REGISTRATION OF PLANTS</b>				
1.	On the issue of a certificate of registration of a plant .....	25	14.	On the issue of a duplicate certificate of qualification, a wallet certificate, a validating seal, or the re-issue of a certificate of qualification in the case of a legal change of name .....	10
2.	On the issue of a certificate of registration of a plant in accordance with a change in classification .....	25	15.	On the reinstatement of a certificate of qualification,	
3.	On the issue of a certificate of registration to a new user of a plant .....	25		(a) where less than twelve months has elapsed since the date of its expiry .....	10
4.	On the issue of a certificate of registration of a guarded plant or a dual control boiler .....	60		(b) where more than twelve months has elapsed since the date of its expiry, \$10 plus \$5 for each subsequent year the certificate was not renewed, up to a maximum of five years	
5.	On the issue of a certificate of registration to a new user of a guarded plant or a dual control boiler .....	30		<b>EXAMINATIONS AND RE-EXAMINATIONS</b>	
6.	On the issue of a duplicate of a certificate of registration .....	20	16.	On examination by the Board for a certificate of qualification as a,	
7.	For sealing a boiler or a compressor affecting change in classification ..	50		(a) hoisting engineer (any class) ...	10
8.	For re-sealing a boiler or compressor, as necessary .....	50		(b) hoist operator (any class) .....	10
	<b>PROVISIONAL CERTIFICATES OF QUALIFICATION</b>			(c) refrigeration operator (any class)	10
9.	For a provisional certificate of qualification as a stationary engineer (fourth, third or second class) ....	25		(d) compressor operator .....	10
	<b>CERTIFICATES OF QUALIFICATION</b>		17.	On re-examination by the Board for a certificate of qualification as a,	
10.	On the issue of a certificate of qualification to an operating engineer or operator .....	5		(a) hoisting engineer (any class) ...	8
11.	For registering the initial period that the certificate of qualification is to remain in force, 75 cents for each month or part thereof but in no case shall the fee exceed \$7.50 for any period not exceeding twelve months or \$15 for a period exceeding twelve months but not exceeding twenty-four months			(b) hoist operator (any class) .....	8
12.	On the reclassification of a certificate of qualification .....	7		(c) refrigeration operator .....	8
13.	On the renewal of a certificate of qualification (two years) .....	15		(d) compressor operator .....	8
				<b>TRAINING PROFILE</b>	
			18.	On registering in a course comprising the training profile required to be completed for a class of certificate as a stationary engineer (fourth, third, second or first class) .....	5
			19.	On trying an examination in each module that is part of the training profile required to be completed for a certificate of qualification as a stationary engineer (fourth, third, second or first class) .....	3

Form 1

Operating Engineers Act

APPLICATION FOR REGISTRATION OF A PLANT

To: Chief Officer,  
Operating Engineers Branch,  
Ministry of Consumer and Commercial Relations,  
Legislative Bldgs.,  
Toronto, Ontario.

The undersigned user of the plant described below hereby applies for registration thereof and furnishes the following information:

- 1. Name of User.....
- 2. Plant known as.....
- 3. Location of Plant.....
- 4. Postal address of User.....
- 5. BOILERS INSTALLED:

Quantity	Manufacturer's Name	Type	Safety Valve Setting	Output in B.T.U. Per Hour

6. COMPRESSORS OR STEAM ENGINES INSTALLED:

Quantity	Manufacturer's Name	Type	Safety Valve Set At	GAS BEING COMPRESSED		PRIME MOVERS THERM-HOUR RATING	
					Refrigerant		
				Name	Yes or No	Steam	Non-Steam

Should the above items be installed at separate locations on the same premises, a sketch made to scale showing the disposition of the items must be submitted with the application form. Do not include items which are exempt under section 2 of the Act.

Dated at ..... this ..... day of ..... 19....

.....  
(signature of user)

For Departmental Use Only

CERTIFICATES OF QUALIFICATION REQUIRED:

Chief Operating Engineer.....  
Chief Operator.....  
Shift Engineer.....  
Shift Operator.....  
Assistant Shift Engineer.....  
Plant Classification.....

THERM-HOUR RATING OF:

High pressure Boilers.....  
Low pressure Boilers.....  
Compressors.....  
Refrigeration Compressors.....  
Steam-Driven Compressors.....  
Total Therm-hour Rating of Plant.....

R.R.O. 1970, Reg. 649, Form 1.

Form 2

*Operating Engineers Act*

CERTIFICATE OF REGISTRATION OF A PLANT

Registration No..... Serial No.....

Under the *Operating Engineers Act*, and the regulations thereunder, I certify that .....  
has registered a.....Plant known as.....  
located at.....having a total Therm-hour rating of.....

Composed of:

Number of Boilers.....  
Total Therm-hour rating..... Safety Valve Set At.....  
Number of Refrigeration Compressors.....  
Total Therm-hour rating.....  
Number of other Compressors.....  
Total Therm-hour rating.....

CERTIFICATES OF QUALIFICATION REQUIRED:

Chief Operating Engineer..... Chief Operator.....  
Shift Engineer..... Shift Operator.....

Assistant Shift Engineer or Assistant Operator as required under clause 20 (a) of the Act:  
.....

Issued at Toronto this ..... day of ....., 19....

.....  
Chief Officer  
Operating Engineers Branch

R.R.O. 1970, Reg. 649, Form 2.

Form 3

Operating Engineers Act

APPLICATION FOR REGISTRATION OF A GUARDED PLANT

To: Chief Officer,  
Operating Engineers Branch,  
Ministry of Consumer and Commercial Relations,  
Legislative Bldgs.,  
Toronto, Ontario.

The undersigned user of the guarded plant described below hereby applies for registration thereof and furnishes the following information:

1. Name of User.....
2. Plant known as.....
3. Location of plant.....
4. Postal address of User.....
5. BOILERS INSTALLED:

Quantity	Manufacturer's Name	Type	Safety Valve Setting	Output in B.T.U. Per Hour

6. COMPRESSORS OR STEAM ENGINES INSTALLED:

Quantity	Manufacturer's Name	Type	Safety Valve Set At	GAS BEING COMPRESSED		PRIME MOVERS THERM-HOUR RATING	
					Refrigerant		
				Name	Yes or No	Steam	Non-Steam

Each boiler and compressor in this plant is equipped with the protective devices prescribed in section 25 of Regulation 740 of Revised Regulations of Ontario, 1980. I herewith undertake that each protective device for the plant will be competently tested, while the plant is operating, at such frequency as will reasonably ensure the proper operation of the device when necessary to protect the plant.

Dated at ....., this ..... day of ....., 19....

.....  
(signature of user)

For Departmental Use Only

CERTIFICATES OF QUALIFICATION REQUIRED:

Chief Operating Engineer.....  
Chief Operator.....  
Shift Engineer.....  
Shift Operator.....  
Plant Classification.....

THERM-HOUR RATING OF:

High pressure Boilers.....  
Low pressure Boilers.....  
Compressors.....  
Refrigeration Compressors.....  
Steam Driven Compressors.....  
Total Therm-hour Rating of Plant.....

R.R.O. 1970, Reg. 649, Form 3.

Form 4

*Operating Engineers Act*

CERTIFICATE OF REGISTRATION OF A GUARDED PLANT

Registration No..... Serial No.....

Under the *Operating Engineers Act* and the regulations thereunder, I certify that .....  
has registered a..... Plant known as.....  
located at..... having a total Therm-hour rating of.....

Composed of:

Number of Boilers.....  
Total Therm-hour rating..... Safety Valve Set At.....  
Number of Refrigeration Compressors.....  
Total Therm-hour rating.....  
Number of other Compressors.....  
Total Therm-hour rating.....

CERTIFICATES OF QUALIFICATION REQUIRED:

Chief Operating Engineer..... Chief Operator.....  
Shift Engineer..... Shift Operator.....

The user of this guarded plant shall ensure that each protective device is tested and maintained in safe working condition as prescribed in section 26 of Regulation 740 of Revised Regulations of Ontario, 1980.

Issued at Toronto, this ..... day of ....., 19....

.....  
Chief Officer  
Operating Engineers Branch

R.R.O. 1970, Reg. 649, Form 4.

Form 5

Operating Engineers Act

NOTICE OF ISOLATION OF A BOILER OR COMPRESSOR

Serial No. ....

Plant Registration No. ....

NOTICE

The seal affixed to this .....  
(description of boiler and compressor being sealed)

and is subject to the provisions of section 22 of Regulation 740 of Revised Regulations of Ontario, 1980. No person shall remove this seal except with the permission of the Chief Officer. Any person removing or defacing this seal is guilty of an offence under the Act and on conviction is liable to a fine of not more than \$1,000 or to imprisonment for a term of not more than twelve months, or to both.

Date. ....

Inspector. ....

.....  
Chief Officer

Serial No. ....

Plant Registration No. ....

This part of the notice to be attached to the inspection report.

Description of item sealed .....  
.....

Name of plant user .....

Report No. ....

Inspector. ....

Date. ....

R.R.O. 1970, Reg. 649, Form 5.

Form 6

Operating Engineers Act

APPLICATION FOR CERTIFICATE OF QUALIFICATION

NOTE: This application must be completed in detail and submitted to the office of the Chief Officer at least fourteen days prior to the date of examination.

To: Chief Officer,  
Operating Engineers Branch,  
Ministry of Consumer and Commercial Relations,  
Legislative Buildings,  
Toronto, Ontario.

I, .....  
(print name in block letters)

.....  
(postal address)

apply for issue of a Certificate of Qualification as a.....  
and in support thereof I make the following statements:

- 1. I hold a current certificate.....class, No....., Province.....
- 2. Date of birth: Day....., Month....., Year.....
- 3. Social Insurance No.....
- 4. My previous training and experience (including present employment) is as follows:

STATIONARY ENGINEER:

Plant Registration Number	Name on Plant Registration Certificate	Therm- hour Rating	Safety Valve Set At	*Employed As	Dates of Employment				
					From		To		Period
					Month	Year	Month	Year	
TOTAL									

REFRIGERATION OPERATOR A OR B, COMPRESSOR OPERATOR OR \*\*HOISTING ENGINEER:

Plant Registration Number	Name on Plant Registration Certificate	Type of Machine	Therm- hour Rating	Safety Valve Set At	*Employed As	Dates of Employment				
						From		To		Period
						Month	Year	Month	Year	
TOTAL										

Dated at....., this.....day of....., 19....  
.....  
(signature of applicant)

NOTE:

- \* The applicant must furnish with his application evidence signed by the plant user (employer) that the applicant has been employed as stated on the application.

Enter applicable designation: Chief Operating Engineer  
Chief Operator  
Shift Engineer or Shift Operator  
Assistant Shift Engineer or Assistant Shift Operator  
Trainee under section 17 of the Act

- \*\* In addition to the above, an applicant for a hoisting engineer's certificate must furnish with his application evidence signed by his employer that he has demonstrated his ability to operate a hoisting plant in a safe manner.

Form 7

*Operating Engineers Act*

CERTIFICATE OF QUALIFICATION

This is to  
certify that .....

having complied with the *Operating  
Engineers Act* and the regulations  
thereunder is issued this Certificate of  
Qualification as a .....

(Seal of Oper.....  
ating Engineers  
Board of Ex-  
aminers to be  
affixed here).

Chairman, Board  
of Examiners

.....  
Date Issued    Certificate Number

O. Reg. 299/72, s. 5, *part.*

Form 8

*Operating Engineers Act*

CHAIRMAN, BOARD OF EXAMINERS

Certificate of Qualification

--

Issued under the *Operating Engineers Act*

Issue Date                      Inter-Prov. No.

Social Insurance No.	Certificate	Expiry Date
----------------------	-------------	-------------

*You are required to notify*

OPERATING ENGINEERS BRANCH

If any information on this Certificate is incorrect  
or incomplete—See reverse side for details—

Name or Address Change	
	Social Insurance No.

Social Insurance No.	Certificate	Expiry Date
----------------------	-------------	-------------

O. Reg. 299/72, s. 5, *part.*

Form 9

*Operating Engineers Act*

APPLICATION FOR A DUPLICATE  
CERTIFICATE OF QUALIFICATION OR FOR  
A PROVISIONAL CERTIFICATE OF  
QUALIFICATION

To: Chief Officer,  
Operating Engineers Branch,  
Ministry of Consumer and Commercial Relations,  
Legislative Buildings,  
Toronto, Ontario.

I, .....  
(print name in block letters)

.....  
(number and street)                      (municipality)

apply for the issue of:

☐ a Provisional Certificate of Qualification (    class)

☐ a Duplicate Certificate of Qualification (    class)  
and in support thereof,

☐ I provide evidence that I hold a current Certi-  
ficate of Qualification as a Stationary Engineer  
(    class) issued by the Province of .....

in 19...., and identification that I am the  
applicant.

☐ I furnish evidence, satisfactory to the Board, that  
the Certificate of Qualification.....

issued to me in 19.... was lost under the follow-  
ing circumstances:

.....  
.....  
.....

Social Insurance No. ....

Dated at ....., this .....  
day of ....., 19....

.....  
(signature of applicant)

Form 10

*Operating Engineers Act*

PROVISIONAL  
CERTIFICATE OF QUALIFICATION

This is to  
certify that .....

having complied with the *Operating  
Engineers Act* and the regulations  
thereunder is issued this Provisional  
Certificate of Qualification as a ....  
.....

(Seal of Oper-.....  
ating Engineers  
Board of Ex- Chairman, Board  
aminers to be of Examiners  
affixed here).

Date Issued	Expiry Date	Certificate Number
----------------	----------------	-----------------------

NOTE: This certificate remains in force for one year  
from the date of issue, unless sooner suspended  
or cancelled, and is not renewable. O. Reg.  
299/72, s. 5, *part*.

## REGULATION 741

### under the Ophthalmic Dispensers Act

#### GENERAL

##### REGISTRATION

1.—(1) An application for a certificate of registration as an ophthalmic dispenser shall be in Form 1.

(2) An applicant who is entitled to be registered as an ophthalmic dispenser under section 7 of the Act shall be issued a certificate of registration as an ophthalmic dispenser in Form 2. O. Reg. 1079/80, s. 1.

##### RENEWAL

2. A certificate of registration as an ophthalmic dispenser expires on the 31st day of December in each year unless renewed by the holder of the Certificate on or before the 31st day of December of that year. O. Reg. 1079/80, s. 2.

3. An application for renewal of a certificate of registration as an ophthalmic dispenser shall be in Form 3. O. Reg. 1079/80, s. 3.

4. The Registrar shall notify by registered mail any ophthalmic dispenser whose certificate has expired or has been cancelled by the Board and such notice shall be deemed to have been sufficiently given to the ophthalmic dispenser if addressed to him at his last known address as shown on the appropriate register. O. Reg. 1079/80, s. 4.

5.—(1) Subject to section 14, where a certificate as an ophthalmic dispenser has expired and a period of time has elapsed of five years or less from the date of expiry of the certificate, the certificate may be renewed by completion of an application in Form 4 and payment of the fee prescribed in subsection 15 (2).

(2) Where an application for renewal of a certificate as an ophthalmic dispenser is made more than five years after the year in which the certificate expired, such certificate shall not be renewed unless the qualifications of the applicant have been reviewed by the Board and the Board approves the renewal and the applicant has paid the fee prescribed in subsection 15 (3).

(3) During the period commencing at least sixty days and ending not less than thirty days before the expiration of a certificate of registration as an ophthalmic dispenser the Registrar shall notify the holder of the certificate by mailing to him at his last known address as shown on the register of ophthalmic dispensers, that his certificate of registration as an ophthalmic dispenser will expire unless renewed before the date of expiry specified in the certificate. O. Reg. 1079/80, s. 5, *part*.

##### STUDENT OPHTHALMIC DISPENSERS

6.—(1) Student ophthalmic dispensers are designated as a class of persons for which the Board may establish a special register.

(2) In this Regulation "student ophthalmic dispenser" means a person who,

(a) has satisfied the Registrar that he,

(i) is enrolled as a full-time student in a course of study in a school of ophthalmic dispensing approved under the regulations,

(ii) is pursuing in-service training in ophthalmic dispensing in Ontario under the supervision of an ophthalmic dispenser registered under the Act and regulations in conjunction with or following acceptance into a course of study in a school of ophthalmic dispensing approved under the regulations, or

(iii) has, in the opinion of the Board, qualifications equivalent to those referred to in subclause (i) or (ii);

(b) has completed and filed with the Registrar an application for registration as a student ophthalmic dispenser in Form 5; and

(c) has paid the fees prescribed in subsection 15 (4).

(3) A person who is a student under subsection (2) shall be registered by the Registrar as a student ophthalmic dispenser and shall be issued a registration card in Form 6 evidencing him to be a student ophthalmic dispenser.

(4) The registration of a student ophthalmic dispenser expires on the 1st day of September in each year unless renewed by the holder on or before that date.

(5) An application for renewal of registration as a student ophthalmic dispenser in a special register shall be in Form 9.

(6) An application under subsection (5) may be made only three times in three successive years after registration under subsection (3) except where otherwise authorized by the Board.

(7) A student ophthalmic dispenser who is registered in a special register may assist an ophthalmic dispenser in the dispensing of ophthalmic appliances only under

the supervision of the ophthalmic dispenser who is physically present in the dispensary and who checks and approves the work of the student ophthalmic dispenser.

(8) An ophthalmic dispenser who supervises a student ophthalmic dispenser shall,

- (a) indicate in Form 7 his approval of the work supervised; and
- (b) upon the termination of the term of supervision, furnish the student ophthalmic dispenser with a declaration of service in Form 8.

(9) The Board may remove from a special register the name of a student ophthalmic dispenser where the Board is satisfied that the student ophthalmic dispenser has failed to comply with subsection (7) or has acted in a manner that, having regard to all the circumstances, would reasonably be regarded by the Board as unprofessional.

(10) During the period commencing at least sixty days and ending not less than thirty days before the expiration of a certificate of registration as an ophthalmic dispenser, the Registrar shall give each person who is the holder of such a certificate notice, by mailing to him at his last known address shown on the register of ophthalmic dispensers, that his certificate of registration expires unless renewed before the date of expiry specified in the certificate. O. Reg. 1079/80, s. 5, *part*.

#### DISCIPLINE

7.—(1) Before holding a hearing under subsection 14 (2) of the Act, the Board shall send by registered mail to the ophthalmic dispenser at his latest address shown on the register a notice,

- (a) giving, in addition to the information required by subsection 14 (2) of the Act,
  - (i) the details of the alleged unprofessional conduct or the incompetency, fraud or misrepresentation, and
  - (ii) the nature of the evidence in support thereof; and
- (b) appointing the date, time and place for the hearing.

(2) The Board shall allow at least ten clear days between the date of sending the notice and the date fixed for the hearing.

(3) If the ophthalmic dispenser fails to attend the hearing on the date and at the time and place appointed, the hearing may proceed and a decision may be made in his absence.

(4) The proceedings at the hearing shall be recorded in shorthand or by other means.

(5) At the hearing, the ophthalmic dispenser is entitled to hear the evidence against him, to cross-examine thereon, to call witnesses in his behalf and to present his argument.

(6) The ophthalmic dispenser may be represented at the hearing by counsel or by an agent. R.R.O. 1970, Reg. 650, s. 7 (1-6).

(7) A majority of the members of the Board shall be present at a hearing and shall constitute a quorum.

(8) The decision of the majority of the members of the Board present is the decision of the Board.

(9) In the event of an equal division of votes, the complaint made against the ophthalmic dispenser shall be dismissed. R.R.O. 1970, Reg. 650, s. 7 (8-10).

#### UNPROFESSIONAL CONDUCT

8. For the purpose of section 14 of the Act unprofessional conduct means,

- (a) contravening any provision of the Act or the Regulations;
- (b) negligence with respect to the practice of ophthalmic dispensing;
- (c) submitting a false or misleading advertisement or account, failing to fulfill the terms of an agreement with a person as to the charge for providing ophthalmic appliances to that person, or charging for services not performed;
- (d) directly or indirectly receiving from or remitting a rebate, credit or other benefit to any person licensed as an optometrist under Part V of the *Health Disciplines Act*, or a legally qualified medical practitioner or any other person by reason of the referral of a customer;
- (e) engaging in practice as an ophthalmic dispenser while the ability to perform is impaired by alcohol or drugs;
- (f) conviction of an offence that affects the fitness of a person to practice as an ophthalmic dispenser;
- (g) obtaining a certificate of registration as an ophthalmic dispenser by misrepresentation or fraud;

- (h) falsifying or failing to maintain records of a customer's name, address, and prescription details;
- (i) holding out to the public that any person holds a currently valid certificate of registration as an ophthalmic dispenser which that person does not in fact hold;
- (j) holding out to the public that any person is a student ophthalmic dispenser or knowingly permitting any person to announce or hold out to the public that any person is a student ophthalmic dispenser if that person is not a student ophthalmic dispenser registered in a special register;
- (k) permitting, counselling or assisting any person who is not registered as an ophthalmic dispenser to engage in the practice of ophthalmic dispensing;
- (l) permitting a student ophthalmic dispenser to assist in the dispensing of ophthalmic appliances except under the supervision of an ophthalmic dispenser who is physically present in the dispensary and who checks and approves the work of the student ophthalmic dispenser;
- (m) refusing or failing to reply without good and sufficient reason to a registered letter from the Board respecting a complaint or charge made against an ophthalmic dispenser;
- (n) refusing to permit an authorized member of the Board or an inspector appointed by the Board and acting upon the written authorization of the Board to inspect at a reasonable time the professional records of an ophthalmic dispenser or the premises, facilities or equipment where or with which the ophthalmic dispenser practices ophthalmic dispensing;
- (o) practicing ophthalmic dispensing without having the instruments, equipment and physical facilities necessary to maintain the generally accepted standard of practice of an ophthalmic dispenser;
- (p) failing to ensure that the names and registration of the ophthalmic dispenser and student ophthalmic dispenser on duty are prominently displayed to the public by means of a name tag supplied by the Board to be worn on the person of the ophthalmic dispenser and student ophthalmic dispenser on duty;
- (q) supervising more than two student ophthalmic dispensers at any one time; or
- (r) acting in such a manner in relation to the practice of ophthalmic dispensing that, having regard to all the circumstances, would

reasonably be regarded by the Board as unprofessional. O. Reg. 1079/80, s. 7.

#### NOTIFICATION OF CHANGE

9.—(1) Every ophthalmic dispenser and student ophthalmic dispenser shall notify the Registrar in writing of any change in his name, residential address, or in the name and location of any dispensary where the ophthalmic dispenser practices ophthalmic dispensing or where the student ophthalmic dispenser is employed, as the case may be, within ten days after the change.

(2) Notwithstanding subsection (1), no ophthalmic dispenser or student ophthalmic dispenser is required to notify the Registrar of a change in the name and location of a dispensary where he practices ophthalmic dispensing or is employed, if the change is for a temporary period not exceeding twenty-one days. O. Reg. 1079/80, s. 8.

#### EXAMINATIONS

10. The Board shall conduct or cause to be conducted examinations at least once a year. R.R.O. 1970, Reg. 650, s. 10.

11.—(1) The Board or its representative shall prepare the examination questions and shall conduct and preside over the examinations at the time and place fixed by the Board.

(2) No examination question shall be submitted to a candidate for examination unless it has been approved by the Board. R.R.O. 1970, Reg. 650, s. 11.

12. A person who,

- (a) pays the examination fee prescribed in subsection 15 (6);
- (b) successfully completes a course of study approved under section 13 or has, in the opinion of the Board, qualifications equivalent thereto; and
- (c) is registered as a student ophthalmic dispenser in a special register, except when the person is exempted from registering as a student ophthalmic dispenser where the Board is of the opinion that the past work experience or training of the person is such that it is unnecessary for the person to be registered as a student ophthalmic dispenser,

may take the examinations referred to in section 10. O. Reg. 1079/80, s. 9.

#### APPROVED COURSE OF STUDY

13. The course of study approved for the purposes of section 7 of the Act is,

- (a) a course of study and instruction in ophthalmic dispensing conducted at Georgian College of Applied Arts and Technology; or
- (b) a course of study and instruction in ophthalmic dispensing conducted at Seneca College of Applied Arts and Technology. O. Reg. 1079/80, s. 10, *part*.

#### CONTINUING EDUCATION COURSES

14. On and after the 31st day of December, 1983, an ophthalmic dispenser applying for renewal of his certificate of registration as an ophthalmic dispenser shall satisfy the Board as a condition of his renewal that he has, in the thirty-six months prior to his application for renewal, completed ten hours of continuing education courses as may be approved by the Board, except where in the opinion of the Board the ophthalmic dispenser has sufficient advanced training or where in the opinion of the Board to require the completing of the courses would create undue hardship for the ophthalmic dispenser. O. Reg. 1079/80, s. 10, *part*.

#### FEES

15.—(1) The fee for registration as an ophthalmic dispenser is \$150 where the certificate of registration is issued on or before the 30th day of June in any year and \$75 where the certificate of registration is issued after the 30th day of June in any year.

(2) The fee for renewal of registration as an ophthalmic dispenser is \$150.

(3) The fee for renewal of a certificate that has expired is the annual fee for the renewal of such certificate plus \$50 for each year or part of a year after the year in which the certificate expired.

(4) The fee for registration as a student ophthalmic dispenser is \$25.

(5) The fee for the renewal of registration of a student ophthalmic dispenser is \$25.

(6) The fee for the ophthalmic dispensing examinations referred to in section 10 is \$100.

(7) The fee for a duplicate original certificate of registration as an ophthalmic dispenser is \$25.

O. Reg. 1079/80, s. 10, *part*.

#### REMUNERATION OF THE BOARD

16. A member of the Board shall be paid,

(a) a per diem allowance of \$100 for each day or part thereof engaged in carrying out his duties under the Act; and

(b) the actual amount spent in travelling and living expenses necessarily incurred while engaged in the business of the Board.

O. Reg. 1079/80, s. 10, *part*.

Form 1

Ophthalmic Dispensers Act

APPLICATION FOR A CERTIFICATE OF REGISTRATION

Please type or print Date .....

I hereby make application to the Board of Ophthalmic Dispensers, Ontario, and submit the following information as to my experience and qualifications.

NAME: .....  
(Surname) (First) (Middle)

Male ☐ Female ☐

HOME ADDRESS: .....

CITY: .....PROVINCE: .....

POSTAL CODE: .....

TELEPHONE: Home: .....Business: .....

DATE OF BIRTH: .....

PRESENT EMPLOYER'S NAME & ADDRESS: .....  
(City) (Province) (Postal Code)

STARTING DATE OF EMPLOYMENT: .....

PASSED BOARD EXAMINATION/DATE: .....

REFERENCES: (Not a Relative/Must have known you for a period of at least three years)

NAME: .....ADDRESS: .....  
.....  
(City) (Province) (Postal Code)

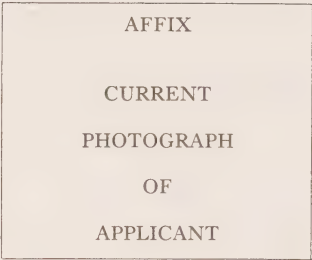
NAME: .....ADDRESS: .....  
.....  
(City) (Province) (Postal Code)

NAME: .....ADDRESS: .....  
.....  
(City) (Province) (Postal Code)

I, .....of the .....  
(Name) (City or Town)  
of .....in the County of .....  
(Name of City or Town)

in the Province of .....STATE THAT the above information is true to the best of my knowledge and belief.

.....  
Signature



Form 2

Ophthalmic Dispensers Act

CERTIFICATE OF REGISTRATION

THE BOARD OF OPHTHALMIC DISPENSERS FOR THE PROVINCE OF ONTARIO

Under the *Ophthalmic Dispensers Act* and the regulations and subject to the limitations thereof, this certificate is issued to:

.....  
(name)

who is hereby entitled to practice as an Ophthalmic Dispenser in the Province of Ontario.

.....  
Chairman of the Board Registrar

Dated at Toronto, this ..... THIS CERTIFICATE REQUIRES ANNUAL  
day of ..... RENEWAL

19.... CERTIFICATE NO. ....

O. Reg. 1079/80, s. 11, *part.*

Form 3

Ophthalmic Dispensers Act

APPLICATION FOR RENEWAL

PLEASE TYPE OR PRINT

Date: .....

CERTIFICATE NUMBER .....

NAME: .....  
(Surname) (First) (Middle)

Male ☐ Female ☐

HOME ADDRESS .....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NUMBER .....

SELF-EMPLOYED: YES ☐ NO ☐

NAME OF EMPLOYER .....

BUSINESS ADDRESS .....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NUMBER .....

## HOME ADDRESS.....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NUMBER .....

DATE OF EXPIRY OF LAST CERTIFICATE HELD .....

NAME OF EMPLOYER .....

BUSINESS ADDRESS .....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NUMBER .....

THE FOLLOWING INFORMATION IS REQUIRED FOR STATISTICAL PURPOSES ONLYPRESENTLY DISPENSING: YES ☐ FULL TIME: YES ☐ NO ☐PART TIME: YES ☐RESIDENT OF ONTARIO: YES ☐ NO ☐TYPE OF PRACTICE:EYE GLASSES ONLY: YES ☐EYE GLASSES AND CONTACT LENSES: YES ☐CONTACT LENSES ONLY: YES ☐

OTHER: (please specify) .....

.....

.....

.....

.....

.....  
(signature)

(The following statement to be completed in applications on or after December 31, 1983)

I have completed ..... hours of continuing education courses in the thirty-six (36) months prior to this application and herewith enclose copies of certificates or other documentary proof of attendance at such courses.

I, ..... of the .....  
(Name) (City or Town)of ..... in the County of .....  
(Name of City or Town)

in the Province of ..... STATE THAT the above information is true to the best of my knowledge and belief.

.....  
signature

## Form 5

### Ophthalmic Dispensers Act

## APPLICATION FOR STUDENT REGISTRATION

Please type or print

Date: .....

NAME: .....  
(Surname) (First) (Middle)

Male ☐ Female ☐ DATE OF BIRTH: .....

ADDRESS: .....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NO. ....

NAME OF COLLEGE ENROLLED IN:.....

DATE OF ENROLLMENT: .....

BUSINESS ADDRESS (if known): .....

CITY ..... PROVINCE.....

POSTAL CODE ..... TELEPHONE NO. ....

## REFERENCES

1. NAME: .....

ADDRESS: .....

CITY ..... PROVINCE .....

POSTAL CODE ..... TELEPHONE NO. ....

2. NAME: .....

ADDRESS: .....

CITY: ..... PROVINCE: .....

POSTAL CODE ..... TELEPHONE NO. ....

3. NAME: .....

ADDRESS: .....

CITY: ..... PROVINCE: .....

POSTAL CODE: ..... TELEPHONE NO. ....

I, \_\_\_\_\_, of the \_\_\_\_\_  
(name) (city or town)

of \_\_\_\_\_, in the \_\_\_\_\_  
(name of city or town) (County or Municipality)

of \_\_\_\_\_, in the Province of \_\_\_\_\_  
(name of County or Municipality)

STATE THAT THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Attach Recent  
Photograph of Applicant

.....  
Signature

O. Reg. 1079/80, s. 12, *part.*

Form 6

*Ophthalmic Dispensers Act*

STUDENT REGISTRATION CARD

THE BOARD OF OPHTHALMIC DISPENSERS

Province of Ontario

Under the *Ophthalmic Dispensers Act* and the regulations and subject to the limitations thereof this registration card is issued to:

.....  
(name)

who is duly registered as a student ophthalmic dispenser.

This registration expires on .....

.....  
Registrar

O. Reg. 1079/80, s. 12, *part.*

Form 7  
*Ophthalmic Dispensers Act*  
STUDENT OPHTHALMIC DISPENSER'S LOG BOOK

No.	Customer Name or Reference Number	Prescription	Date	Dispensary Location	Name of Ophthalmic Dispenser who Supervised the Fittings	Supervisor Registration Number	Signature of Ophthalmic Dispenser who Supervised the Fittings below to meet Accepted Standards	Student Signature	For Office Use

O. Reg. 1079/80, s. 12, *part.*

Form 8

Ophthalmic Dispensers Act

DECLARATION OF SERVICE

Please type or print

(Separate Form required for each separate work location)

(1) INFORMATION ABOUT STUDENT OPHTHALMIC DISPENSER

NAME: ..... STUDENT  
(Surname) (First) (Middle) REGISTRATION  
NUMBER: .....

Male ☐ Female ☐

HOME ADDRESS: .....

CITY: ..... PROVINCE: .....

POSTAL CODE: ..... TELEPHONE NO.: .....

(2) DISPENSING EXPERIENCE

NAME OF EMPLOYER: .....

LOCATION OF EMPLOYMENT: .....

.....

	DAY	MONTH	YEAR
COMMENCED			
TERMINATED (if applicable)			

HOURS PER WEEK .....(hours)

TOTAL HOURS EMPLOYED AT THIS LOCATION  
IN SUPERVISED OPHTHALMIC DISPENSING .....(hours)

(3) DECLARATION OF SUPERVISING OPHTHALMIC DISPENSER(S)

NAME: ..... REGISTRATION  
NUMBER: .....  
.....  
.....

I/WE, STATE THAT THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY/OUR  
KNOWLEDGE AND BELIEF AND THAT .....RECEIVED PRACTICAL  
(student ophthalmic dispenser)

TRAINING UNDER MY/OUR SUPERVISION AND WORKED COMPETENTLY AND DILIGENTLY  
IN SUPERVISED OPHTHALMIC DISPENSING FOR THE PERIOD SPECIFIED ABOVE.

DATE

signature of  
Supervising Ophthalmic Dispenser  
Registration No. ....

DATE

signature of  
Supervising Ophthalmic Dispenser  
Registration No. ....

DATE

signature of  
Supervising Ophthalmic Dispenser  
Registration No. ....

O. Reg. 1079/80, s. 12, *part.*

Form 9

*Ophthalmic Dispensers Act*

APPLICATION FOR RENEWAL OF STUDENT REGISTRATION

Please type or print

DATE: .....

REGISTRATION NUMBER: .....

NAME: .....  
(Surname) (First) (Middle)

Male ☐ Female ☐ DATE OF BIRTH: .....

ADDRESS: .....

CITY: ..... PROVINCE: .....

POSTAL CODE: ..... TELEPHONE NUMBER: .....

NAME OF COLLEGE ENROLLED IN: .....

DATE OF ENROLLMENT: .....

BUSINESS ADDRESS (if known): .....

CITY: ..... PROVINCE: .....

POSTAL CODE: ..... TELEPHONE NUMBER: .....

THIS IS MY FIRST ☐ SECOND ☐ OR THIRD ☐ APPLICATION FOR RENEWAL.  
(ANY FURTHER APPLICATION REQUIRES BOARD AUTHORIZATION)

TO: THE BOARD OF OPHTHALMIC DISPENSERS,  
PROVINCE OF ONTARIO

I, ..... of the .....  
(name) (City or Town)

of ..... in the County of .....  
(name of City or Town)

in the Province of .....hereby apply for a renewal of my  
registration as a student ophthalmic dispenser for the year.....

I state that the above information is true to the best of my knowledge and belief. I enclose the amount of the  
prescribed fee.

.....  
signature

O. Reg. 1079/80, s. 12, *part.*

## REGULATION 742

under the Paperback and Periodical Distributors Act

### GENERAL

1.—(1) An application for registration as a distributor shall be in Form 1.

(2) An annual return for maintenance of registration shall be in such form as the Registrar shall prescribe. O. Reg. 409/71, s. 1.

2. Every registration lapses on the 1st day of October unless the prescribed annual return for maintenance of registration, together with the prescribed fee is filed with the Registrar on or before that date. O. Reg. 409/71, s. 2.

### FEES

3. Fees payable to the Registrar are as follows:

1. Upon application for registration as a distributor or for maintenance of registration as a distributor ..... \$40
2. Upon late filing for maintenance of registration as a distributor a surcharge of ..... 40

O. Reg. 514/79, s. 1.

### GENERAL

4.—(1) Every distributor shall, within five days after the event, notify the Registrar in writing of,

- (a) any change in address for service in Ontario or any business address;
- (b) the opening or closing of any branch office and, in the case of the opening of any branch office, the name and address of the branch manager;
- (c) any change in the membership of a partnership, association, syndicate or other organization of individuals;
- (d) any change in the officers or directors of a corporation;
- (e) any change in the controlling interest of a corporation or the ownership of its equity shares;

(f) any changes in partnership agreements, letters patent or other instruments governing the operation of the distributor; and

(g) any change in resident or non-resident status of any person interested in the applicant.

(2) The distributor shall provide such additional information or particulars verified by affidavit as may be requested by the Registrar. O. Reg. 409/71, s. 4.

5. A voluntary cancellation of registration under subsection 6 (7) of the Act shall be in Form 2. O. Reg. 409/71, s. 5.

### TRIBUNAL

6. The fees and allowances to be paid to a person summoned to appear as a witness before the Tribunal shall be as follows:

1. Attending proceedings, each day...\$ 10
2. Where a witness travels by private automobile, ten cents a mile for each mile necessarily travelled between his place of residence and the place where the proceedings are held but, where the proceedings are held in the city or town in which the witness resides, seventy-five cents.
3. Where a witness travels by a means other than private automobile, a sum equal to the amount of the fare actually paid for the transportation from his place of residence to the place where the proceedings are held, and return.
4. Where a witness is required to attend the proceedings on more than one day and returns to his place of residence at night, the travelling allowance mentioned in paragraph 2 or 3, as the case may be, is payable in respect of each days attendance.
5. Where a witness resides elsewhere and in the opinion of the director it is desirable that he remain overnight at the place at which the proceedings are held, a sum actually and reasonably paid by him for living expenses. O. Reg. 409/71, s. 6.



(b) List the source, amount and maturity date of any obligation owing by the partnership and where applicable the names and addresses of each creditor.

Has any person undertaken to act as a guarantor in relation to the financial or other undertakings of the applicant?

☐ yes

☐ no

If yes, give full particulars:

.....

.....

Has a subrogation been executed by any creditors in relation to loans owing by the applicant?

☐ yes

☐ no

If yes, give full particulars:

.....

.....

NOTE: If the applicant is (a) a sole proprietor operating under a trade name or (b) a partnership, a copy of the Certificate of Registration under the *Partnerships Registration Act* must be enclosed. In the case of a partnership please submit partnership agreement or any other governing instrument.

3. For Corporations only:

Complete the following for each officer and director of the applicant.

Name in Full	Non-Resident (Yes or No)	Residence Address	Residence Telephone	Position Held
Date of Incorporation:  .....		Jurisdiction of Incorporation <div><input type="checkbox"/> Ontario or <input type="checkbox"/> Other</div> If other, please specify:		

CAPITAL STOCK

PARTICULARS OF THE AUTHORIZED SHARE CAPITAL			
Number of Shares With Par Value	Number of Shares Without Par Value	Class	Par Value

SHARES ISSUED AND OUTSTANDING

Number	Class

Does any class of shares carry voting rights by reason of any contingency that has occurred and is continuing?

☐ Yes      ☐ No      If yes, give full particulars:

.....

.....

LIABILITIES

Bonds	Debentures	Notes	Other Loans	
			Source	Maturity Date

List the names and addresses of the registered and beneficial owners of each obligation and the nature and extent of the interest attributable to each.

Has any person undertaken to act as a guarantor in relation to the financial or other undertakings of the applicant?

☐ Yes      ☐ No      If yes, give full particulars:

.....

.....

Has a subrogation been executed by any creditor in relation to loans owing by the applicant?

☐ Yes      ☐ No      If yes, give full particulars:

.....

.....

RECORD OF SHAREHOLDERS

Name of shareholder of record	Address of shareholder of record	Shareholder of record is a non-resident (Yes or No)	No. and Class of shares held	No. and Class of equity shares held
Total number of shares issued to date.....				
Total number of equity shares issued to date.....				

Are any of the above shares held directly or indirectly for a beneficial shareholder? ☐ Yes ☐ No

If yes, give full particulars:

.....

.....

Name of shareholder of record	Name of beneficial shareholder	Beneficial shareholder is a non-resident (Yes or No)	Address of beneficial shareholder	No. and Class of shares beneficially held	No. and Class of equity shares beneficially held

Is any non-resident shareholder associated or deemed to be associated within the meaning of subsections 9 (4) and (5) of the Act with any other shareholder? ☐ Yes ☐ No

If yes, give full particulars:

.....

.....

NOTE: Please submit letters patent, supplementary letters patent, articles of incorporation, amended articles of incorporation, or any other incorporating or governing instruments.

4. Is there any person or company whose name is not disclosed above who has any interest in the applicant, beneficially or who otherwise exercises control or direction over the applicant? ☐ Yes ☐ No

If yes, give full particulars and state whether resident or non-resident.

.....

.....

5. Ontario Branch Offices (if any) ☐ Yes ☐ No

Branch Office Name	Branch Address	Name of Branch Manager	Address (Res.) of Branch Manager

6. Is the applicant (or any partner, in the case of a partnership, or any officer or director, in the case of a corporation) in any way associated with any individual, firm, partnership or corporation currently holding registration as a distributor? ☐ Yes ☐ No

If yes, give full particulars:

.....  
.....

.....  
(signature of Applicant/Partner or Officer)

.....  
Official Capacity

AFFIDAVIT

(By an individual applicant, or by each partner or associate)

PROVINCE OF ONTARIO

.....of .....

To wit:

I, .....

of the .....

in the.....of .....

make oath and say:

- 1. I am the applicant herein for registration as a distributor and I signed the application.
- 2. The information given by me in this application is true.

SWORN before me at the.....

.....in the.....

of.....

this.....day of....., 19.....

A commissioner, etc.

.....  
(signature(s))

AFFIDAVIT

(By Officer of Corporate Applicant)

PROVINCE OF ONTARIO

.....of .....

To wit:

I, .....  
of the .....  
in the .....of .....  
make oath and say:

1. I am the .....of .....the applicant  
(title) (name of applicant)  
herein for registration as a distributor, and I signed the foregoing application.

2. To the best of my knowledge, information and belief the information given in the application is true.

SWORN before me at the.....

.....in the.....

of.....

this.....day of....., 19.....

A commissioner, etc.

.....  
(signature of officer)

O. Reg. 409/71, Form 1.

Form 2

*Paperback and Periodical Distributors Act*

VOLUNTARY SURRENDER OF REGISTRATION

To the Registrar of Paperback and Periodical Distributors of the Ministry of Consumer and Commercial Relations:

I, ....., hereby request  
that my registration as a distributor be cancelled and I hereby surrender my registration.

.....  
(witness)

.....  
(signature of registrant)

Dated at.....

this.....day of.....

19.....

O. Reg. 409/71, Form 2.

Form 3

*Paperback and Periodical Distributors Act*

SUMMONS TO A WITNESS BEFORE THE COMMERCIAL  
REGISTRATION APPEAL TRIBUNAL

Re: .....  
To: .....  
(name of witness)

You are hereby summoned and required to attend before The Commercial Registration Appeal Tribunal.....at a hearing to be held at.....in the.....of.....on.....day, the.....day of....., 19...., at the hour of.....o'clock in the.....noon (local time), and so from day to day until the hearing is concluded or the Tribunal otherwise orders, to give evidence on oath or by affirmation touching the matters in question in the proceedings and to bring with you and produce at such time and place.....

Dated this.....day of....., 19....

THE COMMERCIAL REGISTRATION APPEAL TRIBUNAL:  
.....  
Chairman of the Tribunal

NOTE: You are entitled to be paid the like personal allowances for your attendance at the hearing as are prescribed by Regulation 742 of Revised Regulations of Ontario, 1980.

If you fail to attend and give evidence at the hearing, or to produce the documents or things specified, at the time and place specified, without lawful excuse, you are liable to punishment by the Supreme Court in like manner as if for contempt of that court for disobedience to a subpoena.

O. Reg. 409/71, Form 3.

Form 4

*Paperback and Periodical Distributors Act*

NOTICE OF HEARING BEFORE THE COMMERCIAL REGISTRATION  
APPEAL TRIBUNAL

To: .....  
(applicant or registrant, as the case may be)

TAKE NOTICE that a hearing will be held pursuant to section .....of the *Paperback and Periodical Distributors Act*, before The Commercial Registration Appeal Tribunal at .....on.....day, the.....day of....., 19...., at the hour of.....o'clock in the.....noon, and so from day to day until the hearing is adjourned or concluded.

The following is a concise statement of the issues to be considered:

.....

.....

.....

.....

.....

.....

AND TAKE NOTICE that the rules applicable to the hearing are to be found in.....

.....

AND FURTHER TAKE NOTICE that if you fail to attend the hearing The Commercial Registration Appeal Tribunal may proceed in your absence and you will not be entitled to notice of any further proceedings.

Dated at....., this.....day of....., 19.....

THE COMMERCIAL REGISTRATION APPEAL TRIBUNAL

.....  
Registrar of the Tribunal



## REGULATION 743

### under the Parks Assistance Act

#### GENERAL

1.—(1) An applicant for a grant under section 3 of the Act shall file with the Minister an application signed by the clerk of the applicant municipality setting out,

- (a) the necessity for the acquisition, development or conversion, as the case may be, of the park, having regard to existing parks in the vicinity that provide camping, picnicking and bathing facilities;
- (b) an outline of plans for the maintenance, operation and policing the park and the estimated cost and method of financing thereof;
- (c) where the application is for a grant to assist in developing a park, the estimated cost of developing the park and the method of financing the development of the park; and
- (d) where the application is for a grant to assist in acquiring a park,
  - (i) a list of the lands to be included in the park containing the legal description of each parcel of land and the names and addresses of the owners thereof, and
  - (ii) the estimated cost of acquiring the lands to be included in the park, and the method of financing the acquisition of the land.

(2) An application under subsection (1) shall be accompanied by,

- (a) a certified copy of the by-law providing for the establishment or development of the park;
- (b) a plan drawn on a scale of not less than 2,000 feet to the inch showing the location of the park;
- (c) a plan of survey drawn on a scale not less than 200 feet to the inch showing the boundaries of the park; and
- (d) a plan drawn on a scale of thirty feet to the inch illustrating the buildings, improvements, roads, waters and wooded areas on the lands to be included in the park and the buildings, improvements, roads and other facilities to be erected or provided on the said lands. R.R.O. 1970, Reg. 652, s. 1.

2. A grant under section 3 of the Act is made on the condition that the applicant,

- (a) assumes all responsibility for the maintenance, operation and policing of the park;
- (b) establishes and maintains,
  - (i) facilities for overnight camping,
  - (ii) facilities for overnight trailer camping,
  - (iii) picnic areas,
  - (iv) sanitary facilities,
  - (v) a supply of drinking water,
  - (vi) picnic tables and shelters, and
  - (vii) entrances controlling admission to the park;
- (c) collects fees, which shall be not less than the fees charged in provincial parks and which shall be fixed at amounts that as nearly as is practicable pay the cost of operating and maintaining the park, for,
  - (i) the admission of motor vehicles to the park, which may be charged for one admission or for a season,
  - (ii) the admission or docking of boats,
  - (iii) the use of camping facilities, and
  - (iv) the use of trailer camping facilities; and
- (d) limits the number of days in which any person may camp in the park in a trailer to a number not exceeding twenty-eight days in a year. R.R.O. 1970, Reg. 652, s. 2.

3. Notwithstanding section 2, a grant may be made under section 3 of the Act in respect of a park or proposed park that does not comply with subclauses 2 (b) (i), (ii), (v) and (vii) and with clause 2 (c) where the purpose of the park is to develop and utilize a natural beach for recreation purposes. R.R.O. 1970, Reg. 652, s. 3.

4. A grant under section 3 of the Act for the acquisition of land for an approved park shall not be paid until the applicant has obtained the title to the land, free from encumbrances. R.R.O. 1970, Reg. 652, s. 4.



## REGULATION 744

### under the Parkway Belt Planning and Development Act

#### PARKWAY BELT PLANNING AREA

1. The area of land in Ontario set forth in the Schedule hereto is established as The Parkway Belt Planning Area:

#### Schedule

1. In the City of Burlington in The Regional Municipality of Halton and being composed of:

- i. Lots 1 to 22, both inclusive, in Concession I, north of Dundas Street, saving and excepting the southerly half of Lot 1, saving and excepting the southerly quarter of lots 4 and 5, saving and excepting the southerly half of lots 6 to 8, both inclusive, saving and excepting the southerly quarter of lots 9 to 11, both inclusive, and saving and excepting the northerly three-quarters of lots 20, 21 and 22.

- ii. That parcel of land beginning at the northwesterly angle of the south quarter of Lot 11 in Concession I North of Dundas Street;

Thence easterly along the northerly limit of that quarter 250 feet to a point;

Thence southwesterly to a point in the westerly limit of that Lot distant 200 feet measured southerly therealong from the place of beginning;

Thence northerly along that westerly limit 200 feet to the place of beginning.

- iii. That parcel of land beginning at the southeasterly angle of the northerly three-quarters of Lot 20 in Concession I North of Dundas Street;

Thence westerly along the southerly limit of the said northerly three-quarters 620 feet, more or less, to the brow of the slope in Lot 3 of Registered Plan Number 540;

Thence northeasterly along that brow of the slope through lots 3, 4, 5 and 6 of that Plan to the easterly limit of Lot 20 in that Concession;

Thence southerly along that easterly limit 480 feet to the place of beginning.

- iv. Lots 1 to 3, both inclusive, and lots 13 to 19, both inclusive, in Concession I south

of Dundas Street, saving and excepting the southerly quarter of Lot 3, and saving and excepting those portions of lots 13 to 19, both inclusive, lying south of a line drawn parallel with the south limit of Dundas Street and at a distance of 200 feet south of the said south limit.

- v. Lots 1 to 13, both inclusive, in Concession I in the Township of East Flamborough, as it existed on the 31st day of December, 1957, saving and excepting those portions of lots 1 to 6, both inclusive, lying south of the southerly limit of the Canadian National Railways right-of-way.

- vi. Lots 1 to 13, both inclusive, in Concession II in the Township of East Flamborough, as it existed on the 31st day of December, 1957, saving and excepting those portions of lots 1 to 6, both inclusive.

- vii. That part of the City of Burlington beginning at the intersection of the west boundary thereof and the southerly limit of the King's Highway No. 5; thence easterly following the southerly limit of King's Highway No. 5 to the east limit of Lot 20, in Concession I, south of Dundas Street; thence southerly along the east limit of the said Lot 20 to a point on a line parallel to and measured 200 feet southerly at right angles with the south limit of King's Highway No. 5; thence westerly along the said parallel line to the intersection of a line parallel to and distant easterly 100 feet from the centre line of Brant Street; thence southerly along the said parallel line to a point, distant 1,150 feet measured therealong from the centre line of King's Highway No. 5; thence southwesterly to the intersection of the northerly limit of Brant's Block and the southeasterly limit of the easement of Bell Canada, lying on the south limit of Lot 21, in Concession I, south of Dundas Street; thence continuing southwesterly following the south limit of the said Bell Canada easement to the intersection of a line parallel to and distant 1,150 feet measured easterly at right angles from the west limit of Brant's Block; thence southerly along the last-mentioned parallel line to the northerly limit of King's Highway No. 403; thence westerly along the northerly limit of the said Highway No. 403 to the west limit of Brant's Block; thence northerly along the said limit to the place of beginning.

- viii. That parcel of land beginning at the intersection of the northerly limit of that part of the King's Highway known as No. 403 and the westerly limit of Brant's Block;

Thence southerly along that westerly limit to the southerly limit of the right-of-way of the Canadian National Railways;

Thence easterly along that southerly limit to the easterly limit of that part of the King's Highway known as The Queen Elizabeth Way;

Thence northeasterly along that easterly limit to a line parallel with and distant 1,650 feet measured westerly at right angles from the centre line of Brant Street;

Thence northerly along that parallel line to the northerly limit of that part of the King's Highway known as The Queen Elizabeth Way;

Thence westerly along that northerly limit and along the northerly limit of that part of the King's Highway known as No. 403 to the place of beginning.

- ix. All original road allowances between or fronting the lands described in paragraphs i to vii.

2. In the Town of Milton in The Regional Municipality of Halton and being composed of:

- i. Lot 10, in Concession II, saving and excepting the portion of Lot 10 lying within the Town of Oakville.

3. In the Town of Oakville in The Regional Municipality of Halton and being composed of:

- i. Lots 10 to 15, both inclusive, in Concession I, saving and excepting those portions of lots 11 to 15, both inclusive, lying within the Town of Milton.
- ii. Lots 9 and 10, in Concession II, saving and excepting the westerly three-quarters of Lot 9, saving and excepting that portion of Lot 10 lying within the Town of Milton.
- iii. Lots 1 to 10, both inclusive, in Concession III.
- iv. Lots 1 to 15, both inclusive, in Concession IV.
- v. Lots 1 to 14, both inclusive, in Concession V, saving and excepting the east quarter of lots 2 to 11, both inclusive.

- vi. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession V and the centre line of the road allowance between concessions IV and V;

Thence northerly along that centre line to a line parallel with and distant 200 feet measured northerly at right angles from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions V and VI;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession V;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

- vii. Lot 1, and lots 12 to 14, both inclusive, in Concession VI, saving and excepting the east quarter of Lot 1, saving and excepting the southerly half of Lot 12.

- viii. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession VI and the centre line of the road allowance between concessions V and VI;

Thence northerly along that centre line to a line parallel with and distant 200 feet measured northerly at right angles from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions VI and VII;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession VI;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

- ix. Lots 12 to 14, both inclusive, in Concession VII, saving and excepting the southerly half of Lot 12.

- x. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession VII and the centre line of the road allowance between concessions VI and VII;

Thence northerly along that centre line to a line parallel with and distant 200 feet measured northerly at right angles from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions VII and VIII;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession VII;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

- xi. Lots 12 to 14, both inclusive, in Concession VIII, saving and excepting the southerly half of Lot 12.

- xii. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession VIII and the centre line of the road allowance between concessions VII and VIII;

Thence northerly along that centre line to a line parallel with and distant 200 feet measured northerly at right angle from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions VIII and IX;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession VIII;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

- xiii. Lots 1 to 14, both inclusive, in Concession IX, saving and excepting the west quarter of lots 1 to 3, both inclusive, saving and excepting the west half of lots 4 to 11, both inclusive.

- xiv. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession IX and the centre line of the road allowance between concessions VIII and IX;

Thence northerly along that centre line to a line parallel with and distant 300 feet measured northerly at right angles from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions IX and X;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession IX;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

- xv. Lot 14, in Concession X, saving and excepting the south half of Lot 14.

- xvi. That parcel of land beginning at the intersection of the westerly prolongation of the line between the north and south halves of Lot 14 in Concession X and the centre line of the road allowance between concessions IX and X;

Thence southerly along that centre line to the southerly limit of the right-of-way of the Canadian Pacific Railway;

Thence easterly along that southerly limit to the centre line of the road allowance between concessions X and XI;

Thence northerly along that centre line to the easterly prolongation of the line between the north and south halves of Lot 14 in Concession X;

Thence westerly to and along that line and its prolongation to the place of beginning.

- xvii. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession X and the centre line of the road allowance between concessions IX and X;

Thence northerly along that centre line to a line parallel with and distant 400 feet measured northerly at right angles from the centre line of that part of the King's Highway known as No. 401;

Thence easterly along that parallel line to the centre line of the road allowance between concessions X and XI;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of Lot 15 in Concession X;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

xviii. Lot 14, in Concession XI.

xix. That parcel of land beginning at the intersection of the westerly prolongation of the northerly limit of Lot 13 in Concession XI and the centre line of the road allowance between concessions X and XI;

Thence southerly along that centre line to the westerly prolongation of the southerly limit of that Lot;

Thence easterly to and along that southerly limit and its prolongation to the easterly boundary of the former Town of Oakville;

Thence northerly along that easterly boundary to the easterly prolongation of the northerly limit of that Lot;

Thence westerly to and along that northerly limit and its prolongation to the place of beginning.

xx. That parcel of land beginning at the intersection of the westerly prolongation of the southerly limit of Lot 15 in Concession XI and the centre line of the road allowance between concessions X and XI;

Thence northerly along that centre line 250 feet to a point;

Thence easterly and parallel with the southerly limit of that Lot to the eastern boundary of the former Town of Oakville;

Thence southerly along that eastern boundary to the easterly prolongation of the southerly limit of that Lot;

Thence westerly to and along that southerly limit and its prolongation to the place of beginning.

xxi. Lots 4 and 5, and lots 27 to 35, both inclusive, in Concession I, north of Dundas Street, saving and excepting the south three-quarters of lots 27 and 28, saving and excepting the south half of lots 29 to 35, both inclusive.

xxii. That parcel of land beginning at the intersection of the centre line of Dundas Street and the southerly prolongation of the westerly limit of Lot 3 in Concession I North of Dundas Street;

Thence easterly along that centre line 300 feet to a point;

Thence northwesterly to a point in the westerly limit of that Lot distant 1,940 feet measured northerly therealong from the said centre line of Dundas Street;

Thence southerly along that westerly limit and its prolongation 1,940 feet to the place of beginning.

xxiii. That parcel of land beginning at the intersection of the centre line of Dundas Street and the southerly prolongation of the westerly limit of Lot 5 in Concession I North of Dundas Street;

Thence westerly along that centre line to the southerly prolongation of the westerly limit of Lot 7 in that Concession;

Thence northerly to and along that westerly limit and its northerly prolongation to the centre line of the road allowance between concessions I and II North of Dundas Street;

Thence easterly along that centre line to the northerly prolongation of the westerly limit of Lot 5 in Concession I North of Dundas;

Thence southerly to and along that westerly limit and its prolongation to the place of beginning.

xxiv. Lots 1 to 33, both inclusive, in Concession II, north of Dundas Street, saving and excepting the north one-quarter of lots 1 to 4, both inclusive, saving and excepting the south quarter of lots 1 to 3, both inclusive, saving and excepting the south quarter of lots 8 to 24, both inclusive, saving and excepting the north half of Lot 31, saving and excepting the north three-quarters of lots 32 and 33.

xxv. Lots 3 to 8, both inclusive, and lots 31 to 35, both inclusive, in Concession I, south of Dundas Street, saving and excepting the easterly half of Lot 3, saving and excepting the west half of Lot 8, and the north quarter of lots 31 to 34, both inclusive.

xxvi. That parcel of land beginning at the intersection of the centre line of Dundas Street and the northerly prolongation of the westerly limit of Lot 34 in Concession I South of Dundas Street;

Thence easterly along that centre line to the northerly prolongation of the easterly limit of that Lot;

Thence southerly to and along that easterly limit to the southerly limit of the northerly quarter of that Lot;

Thence westerly along that southerly limit to the westerly limit of that Lot;

Thence northerly along that westerly limit and its prolongation to the place of beginning.

- xxvii. Lots 3 to 7, both inclusive, and lots 26 to 35, both inclusive, in Concession II, south of Dundas Street, saving and excepting the east half of Lot 3, saving and excepting the south half of lots 5 to 7, both inclusive, saving and excepting the north three-quarters of Lot 26, and saving and excepting the north half of Lot 27.

- xxviii. Beginning at the northeasterly angle of the south half of Lot 5 in Concession II South of Dundas Street;

Thence westerly along the northerly limit of that south half of that Lot a distance of 275 feet to a point;

Thence southerly and parallel with the easterly limit of that Lot to the northerly limit of Ford Drive;

Thence westerly along that northerly limit to the westerly limit of that Lot;

Thence southerly along that westerly limit and its prolongation to the centre line of the road allowance between concessions II and III South of Dundas Street;

Thence easterly along that centre line to the southerly prolongation of the easterly limit of Lot 5 in that Concession;

Thence northerly to and along that easterly limit to the place of beginning.

- xxix. Lots 1 to 5, both inclusive, and lots 29 to 32, both inclusive, in Concession III, south of Dundas Street, saving and excepting the north quarter of Lot 1, saving and excepting the lands shown on a plan registered as No. M-85 in the Land Registry Office for the Land Titles Division of Halton (No. 20), saving and excepting the south quarter of Lot 3, saving and excepting the south half of Lot 4, the lands shown on plans registered as Nos. M-52 and M-72 in the Land Registry Office for the Land Titles Division of Halton (No. 20) the southerly three-quarters of Lot 5 and those portions of lots 29 and 30 south of the south limit of the Canadian National Railways right-of-way.

And saving and excepting the following parcel of land:

Beginning at the southwesterly angle of Lot 32 in Concession III South of Dundas Street;

Thence northerly along the westerly limit of that Lot to the southwesterly top of the bank of a branch of the Twelve Mile Creek lying south of that part of the King's Highway known as The Queen Elizabeth Way;

Thence southeasterly along the top of that bank and the westerly top of the bank of the Twelve Mile Creek to the easterly limit of 'K' Street;

Thence southerly along that easterly limit to the intersection of a line parallel with and distant 25 feet measured westerly from the top of the bank of the Twelve Mile Creek;

Thence southeasterly along that parallel line to the southerly limit of Lot 31 in that Concession;

Thence westerly along the southerly limit of lots 31 and 32 in that Concession to the place of beginning.

- xxx. Lots 29 to 35, both inclusive, in Concession IV or Broken Front south of Dundas Street, saving and excepting the north three-quarters of Lot 29, saving and excepting the south half of Lot 31, saving and excepting the east half of Lot 32.

And saving and excepting the following parcel of land:

Beginning at the northwesterly angle of Lot 35 in Concession IV South of Dundas Street;

Thence southerly along the westerly limit of that Lot to the high-water mark of Lake Ontario;

Thence northeasterly along that high-water mark to the westerly limit of the east half of Lot 32 in that Concession;

Thence northerly along that westerly limit to the northerly limit of that Lot;

Thence westerly along the northerly limit of lots 32, 33, 34 and 35 in that Concession to the place of beginning.

- xxxi. All original road allowances between or fronting the lands described in paragraphs i to xxx.

4. In the Borough of Etobicoke in The Municipality of Metropolitan Toronto and being composed of:

- i. Lot 40 in Concession A fronting the Humber.
- ii. That portion of Lot 40 lying north of the southern limit of the Canadian National Railways right-of-way in Concession II fronting the Humber.
- iii. That portion of Lot 40 lying north of the southern limit of the Canadian National Railways right-of-way in Concession III fronting the Humber.
- iv. That parcel of land beginning at the south-westerly angle of Lot 16 in Concession III Fronting the Humber in the Borough of Etobicoke;

Thence easterly along the southerly limit of that Lot to the westerly limit as shown on Registered Plan Number 5135;

Thence northerly and northeasterly along that westerly limit to the northerly limit as shown on that Plan, being the southerly limit of Eglinton Avenue West;

Thence northerly at right angles from that southerly limit to the northerly limit of that part of the King's Highway known as No. 401;

Thence westerly along that southerly limit and the southerly limit of Carlingview Drive to the line between the north and south halves of Lot 18 in that Concession;

Thence westerly along that centre line and its prolongation to the centre line of the road allowance between concessions III and IV;

Thence southerly along that centre line to the westerly prolongation of the southerly limit of Lot 16 in Concession III;

Thence easterly along that prolongation to the place of beginning.

- v. That portion of Lot 15 lying north of the southern limit of The Hydro-Electric Power Commission right of way, lots 16 to 21, both inclusive, that portion of Lot 39 lying north of the southern limit of the Canadian National Railways right-of-way and Lot 40, all in Concession IV fronting the Humber.
- vi. That parcel of land beginning at the intersection of the centre line of Lot 36

in Concession IV Fronting the Humber and the easterly limit of the Indian Line Road in the Borough of Etobicoke;

Thence westerly along that centre line to the westerly boundary of the Borough of Etobicoke;

Thence northerly along that westerly boundary to the southerly limit of the right-of-way of the Canadian National Railways;

Thence easterly along that southerly limit to the easterly limit of that part of the proposed King's Highway known as No. 427;

Thence southerly along that easterly limit to the easterly limit of the Indian Line Road;

Thence southerly along that easterly limit to the place of beginning.

- vii. That portion of Lot A lying north of the southern limit of The Hydro-Electric Power Commission right of way, those portions of lots B, C, D and E lying north of Rathburn Road, and Lot F, all in the Concession fronting on the River Etobicoke.

- viii. All original road allowances between or fronting the lands described in paragraphs i to vii.

5. In the Borough of North York in The Municipality of Metropolitan Toronto, being composed of:

- i. That parcel of land beginning at the intersection of the northerly boundary of the Borough of North York and the centre line of the road allowance between concessions IV and V West of Yonge Street;

Thence southerly along that centre line to the westerly prolongation of the northerly limit of Lot 24 in Concession IV West of Yonge Street;

Thence easterly to and along that northerly limit to a point distant 718.66 feet measured easterly from the northwesterly angle of that Lot;

Thence south  $41^{\circ} 41' 30''$  east 72.77 feet to a point;

Thence south  $56^{\circ} 09' 30''$  east 103.22 feet to a point;

Thence south  $20^{\circ} 34'$  east 70.17 feet to a point;

Thence 67° 38' west 55.56 feet to a point;

Thence south 16° 51' 10" east 106.59 feet to a point;

Thence south 40° 02' 30" east 197.22 feet to a point;

Thence south 9° 02' east 169.15 feet to a point;

Thence south 32° 44' 50" east 229.73 feet to a point;

Thence south 51° 51' 20" east 20 feet, more or less, to the southerly limit of Shoreham Drive;

Thence easterly along that southerly limit to the westerly limit of Murray Ross Parkway;

Thence northerly along that westerly limit and its prolongation to the northern boundary of the Borough of North York;

Thence westerly along that northern boundary to the place of beginning.

- ii. That parcel of land beginning at the northwesterly angle of the Borough of North York;

Thence easterly along the northerly boundary of that Borough to its point of intersection with the northerly prolongation of the westerly limit as shown on Registered Plan Number 7907 the said point being 351.59 feet west of the westerly limit of Islington Avenue;

Thence southerly to and along that westerly limit to the northerly limit as shown on Registered Plan Number 7352;

Thence southwesterly along the northwesterly limit of that Plan to the easterly angle of Block B of that Plan;

Thence southerly along the easterly limits of that Block to the southerly limit of Lot 25 in Concession VII West of Yonge Street;

Thence westerly along that southerly limit and its prolongation to the western boundary of the Borough of North York;

Thence northerly along that western boundary to the place of beginning.

6. In the Township of Chinguacousy in the County of Peel as it existed on the 31st day of December, 1973 and being composed of:

- i. Lot 1 in Concession VI, east of Hurontario Street, saving and excepting the west half of the west half of Lot 1 in Concession VI, east of Hurontario Street.

7. In the former Town of Mississauga in the County of Peel as it existed on the 31st day of December, 1973 and being composed of:

- i. Lots 12 to 15, both inclusive, in Concession I, east of Hurontario Street, saving and excepting the south half of the west half and the south quarter of the east half of Lot 12, saving and excepting the north half of the south half of the west half and the north half of the west half of Lot 13, saving and excepting the west half of Lot 14, saving and excepting the north half of the east quarter of Lot 15.
- ii. That parcel of land beginning at the southeasterly angle of Lot 3 in Concession I East of Hurontario Street in the former Town of Mississauga;

Thence westerly along the southerly limit of that Lot a distance of 600 feet to a point;

Thence northerly and parallel with the easterly limit of that Lot to the line between the north and south halves of that Lot;

Thence easterly along that line and its prolongation to the centre line of the road allowance between concessions I and II East of Hurontario Street;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of that Lot;

Thence westerly along that prolongation to the place of beginning.

- iii. That parcel of land beginning at a place in the centre line of Hurontario Street distant 500 feet measured northerly therealong from the westerly prolongation of the southerly limit of Lot 12 in Concession I East of Hurontario Street;

Thence southeasterly in a straight line to the southwesterly angle of the east half of that Lot;

Thence easterly along the southerly limit of that Lot and its prolongation to the centre line of the road allowance between concessions I and II East of Hurontario Street;

Thence northerly along that centre line to the easterly prolongation of the north-

erly limit of the south quarter of that Lot 12;

Thence westerly along that northerly limit to the line between the east and west halves of that Lot;

Thence northerly along that line to the northerly limit of the southerly half of that Lot;

Thence westerly along that northerly limit and its prolongation to the centre line of Hurontario Street;

Thence southerly along that centre line to the place of beginning.

- iv. Lots 1 to 14, both inclusive, and the southerly 300 feet of the west half of Lot 15, in Concession II, east of Hurontario Street, saving and excepting the westerly 1,500 feet of lots 1 to 11, both inclusive, saving and excepting the easterly 1,500 feet of lots 1 to 4, both inclusive, saving and excepting the easterly 1,500 feet of lots 6 to 11, both inclusive.

- v. That parcel of land beginning at a place in the southerly limit of Lot 1 in Concession II East of Hurontario Street distant 1,254 feet measured easterly therealong from the southwesterly angle of that Lot;

Thence northerly to a point in the southerly limit of Lot 2 in that Concession distant 1,202 feet measured easterly therealong from its southwesterly angle;

Thence northerly to a point in the northerly limit of the south half of that Lot distant 1,240 feet measured easterly therealong from its northwesterly angle;

Thence westerly along that northerly limit and its prolongation to the centre line of the road allowance between concessions I and II East of Hurontario Street;

Thence northerly along that centre line to a point distant 1,350 feet measured northerly therealong from the westerly prolongation of the southerly limit of Lot 3 in that Concession II;

Thence easterly at right angles from that centre line 720 feet to a point;

Thence southerly and parallel with that centre line 300 feet to a point;

Thence easterly and parallel with the northerly limit of that Lot a distance of 750 feet to a point;

Thence northerly to a point in the southerly limit of Lot 4 in that Concession distant 1,200 feet measured easterly therealong from its southwesterly angle;

Thence northerly and parallel with the westerly limit of lots 4 and 5 to the southerly limit of that part of the King's Highway known as No. 401;

Thence westerly along that southerly limit to the centre line of the road allowance between concessions I and II East of Hurontario Street;

Thence northerly along that centre line to the northerly limit of that part of the King's Highway known as No. 401;

Thence easterly along that northerly limit to a line parallel with and distant 1,100 feet measured easterly from the westerly limit of that Concession II;

Thence northerly and parallel with that westerly limit to the centre line of Lot 8 in that Concession;

Thence easterly along that centre line to a line parallel with and distant 1,500 feet measured easterly from the westerly limit of that Concession;

Thence southerly along that parallel line to the centre line of the Base Line Road;

Thence westerly along that centre line 246 feet to a point;

Thence northerly 33 feet to the place of beginning.

- vi. That parcel of land beginning at the northeasterly angle of Lot 4 in Concession II East of Hurontario Street;

Thence easterly along the prolongation of the northerly limit of that Lot to the centre line of the road allowance between concessions II and III East of Hurontario Street;

Thence southerly along that centre line 640 feet to a point;

Thence westerly and parallel with that northerly limit 1,000 feet to a point;

Thence southwesterly to a point in the southerly limit of that Lot distant 1,500 feet measured westerly from its south-easterly angle;

Thence northerly and parallel with the easterly limit of that Lot to its northerly limit;

Thence easterly along that northerly limit to the place of beginning.

- vii. That parcel of land beginning at the northeasterly angle of Lot 11 in Concession II East of Hurontario Street;

Thence easterly along the prolongation of the northerly limit of that Lot to the centre line of the road allowance between concessions II and III East of Hurontario Street;

Thence southerly along that centre line 150 feet to a point;

Thence westerly and parallel with that northerly limit to a point distant 1,500 feet measured westerly therealong from the easterly limit of that Lot;

Thence northerly and parallel with the easterly limit of that Lot to the northerly limit of that Lot;

Thence easterly along that northerly limit to the place of beginning.

- viii. The north quarter of the west half of Lot 12, Lot 13, and the south half of the east half of Lot 14, in Concession III, east of Hurontario Street, saving and excepting the south quarter of the east half of Lot 13.

- ix. That parcel of land beginning at the southwesterly angle of Lot 12 in Concession III East of Hurontario Street;

Thence westerly along the prolongation of the southerly limit of that Lot to the centre line of the road allowance between concessions II and III East of Hurontario Street;

Thence northerly along that centre line to the westerly prolongation of the southerly limit of the north quarter of the west half of that Lot;

Thence easterly to and along that southerly limit to its southeasterly angle;

Thence northerly along the centre line of lots 12 and 13 in Concession II to the northerly limit of the south quarter of that Lot 13;

Thence easterly along that northerly limit and its prolongation to the centre line of the road allowance between concessions III and IV East of Hurontario Street;

Thence southerly along that centre line to a point distant 500 feet measured southerly therealong from the easterly

prolongation of the northerly limit of Lot 12 in Concession III East of Hurontario Street;

Thence southwesterly in a straight line to the place of beginning.

- x. The north quarter of the west half of Lot 13, Lot 14, in Concession IV, east of Hurontario Street, saving and excepting the north quarter of the west half of Lot 14.

- xi. That parcel of land beginning at a place in the centre line of the road allowance between concessions III and IV East of Hurontario Street and distant 500 feet measured southerly therealong from the westerly prolongation of the northerly limit of Lot 12 in that Concession IV;

Thence northeasterly to a point in the northerly limit of that Lot distant 1,200 feet measured easterly therealong from its northwesterly angle;

Thence northeasterly to the northeasterly angle of the south half of the east half of Lot 13 in that Concession;

Thence easterly along the prolongation of that half Lot limit to the centre line of the road allowance between concessions IV and V East of Hurontario Street;

Thence northerly along that centre line to the easterly prolongation of the northerly limit of that Lot;

Thence westerly to and along that northerly limit to the northeasterly angle of the northerly quarter of the west half of that Lot;

Thence southerly along the easterly limit of that quarter to its southerly limit;

Thence westerly along that southerly limit and its prolongation to the centre line of the road allowance between concessions III and IV East of Hurontario Street;

Thence southerly along that centre line to the place of beginning.

- xii. The north half of the south half of the west half of Lot 14, and the north half of Lot 14, and the south half of Lot 15, in Concession V, east of Hurontario Street.

- xiii. That parcel of land beginning at the southwesterly angle of the northwest quarter of Lot 13 in Concession V East of Hurontario Street;

Thence northeasterly in a straight line to a point in the easterly limit of that quarter distant 450 feet measured northerly therealong from its southeasterly angle;

Thence northeasterly along the prolongation of that straight line 300 feet to a point;

Thence northerly in a straight line to a point in the northerly limit of that Lot 13 distant 450 feet measured westerly therealong from the southwesterly limit of the right-of-way of the Canadian National Railways;

Thence easterly along the northerly limit of that Lot to the easterly limit of the right-of-way of the spur of that Railway;

Thence northeasterly along that south-easterly limit of the right-of-way of that Railway to the centre line of the road allowance between concessions V and VI East of Hurontario Street;

Thence northerly along that centre line to the easterly prolongation of the line between the north and south halves of Lot 14 in that Concession V;

Thence westerly to and along that line to the centre line of that Concession;

Thence southerly along that centre line to the northerly limit of the south quarter of Lot 14 in that Concession;

Thence westerly along that northerly limit and its prolongation to the centre line of the road allowance between concessions IV and V East of Hurontario Street;

Thence southerly along that centre line to the westerly prolongation of the southerly limit of the north half of Lot 13 in that Concession V;

Thence easterly along that prolongation to the place of beginning.

xiv. The south half of the west half of Lot 1 and the east half of Lot 1, the north half of Lot 14 and Lot 15, in Concession VI, east of Hurontario Street.

xv. That parcel of land beginning at the intersection of the easterly prolongation of the southerly limit of Lot 2 in Concession VI East of Hurontario Street and the centre line of the road allowance between concessions VI and VII East of Hurontario Street;

Thence northerly along that centre line 800 feet to a point;

Thence southwesterly in a straight line to a point in that southerly limit distant 1,200 feet measured westerly therealong from its southeasterly angle;

Thence easterly along that southerly limit and its prolongation to the place of beginning.

xvi. That parcel of land beginning at the intersection of the centre line of the road allowance between concessions VI and VII East of Hurontario Street and the easterly prolongation of the line between the north and south halves of Lot 14 in that Concession VI;

Thence southerly along that centre line of that road allowance to a point distant 215 feet measured southerly therealong from the southerly limit of the right-of-way of the Canadian National Railways;

Thence westerly and parallel with that southerly limit 780 feet, more or less, to the northerly prolongation of the easterly limit of Block D of Registered Plan Number 841;

Thence southerly along that prolongation to the northeasterly angle of that Block;

Thence westerly along the northerly limit of blocks D and C to the northwesterly angle of Block C;

Thence westerly and parallel with the last-mentioned southerly limit 790 feet to a point;

Thence southerly and parallel with the westerly limit of Concession VI East of Hurontario Street 360 feet to a point;

Thence westerly and parallel with that southerly limit to the centre line of the road allowance between concessions V and VI East of Hurontario Street;

Thence northerly along that centre line to the westerly prolongation of the line between the north and south halves of Lot 14 in that Concession VI;

Thence easterly to and along that centre line to the place of beginning.

xvii. Lot 1, the north half of Lot 14, and Lot 15, in Concession VII, east of Hurontario Street.

- xviii. That parcel of land beginning at the southwesterly angle of Lot 2 in Concession VII east of Hurontario Street;

Thence westerly along the prolongation of the southerly limit of that Lot to the centre line of the road allowance between concessions VI and VII East of Hurontario Street;

Thence northerly along that centre line 800 feet to a point;

Thence northeasterly in a straight line to a point in the easterly limit of that Lot distant 300 feet measured southerly therefrom from its northeasterly angle;

Thence northeasterly along the prolongation of that straight line to the easterly boundary of the City of Mississauga;

Thence southerly along that easterly boundary to the easterly prolongation of the southerly limit of that Lot;

Thence westerly to and along that southerly limit to the place of beginning.

- xix. The north half of Lot 14, and Lot 15, in Concession VIII, east of Hurontario Street.
- xx. Lots 13 to 15, both inclusive, in Concession IX, east of Hurontario Street.
- xxi. The north half of the east half, the north quarter of the west half of Lot 12, and the south half of Lot 13, in Concession I, west of Hurontario Street.
- xxii. That parcel of land beginning at the intersection of the centre line of Hurontario Street and the easterly prolongation of the line between the north and south halves of Lot 12 in Concession I West of Hurontario Street;
- Thence southerly along that centre line 500 feet to a point;
- Thence northwesterly in a straight line to the southwesterly angle of the north half of the east half of that Lot;
- Thence easterly along that half Lot line and its prolongation to the place of beginning.
- xxiii. That parcel of land beginning at the southeasterly angle of the north half of the west half of Lot 12 in Concession I West of Hurontario Street;
- Thence northerly along the easterly limit of that west half to the southerly limit of the north quarter of that Lot;

Thence westerly along that southerly limit and its prolongation to the centre line of the road allowance between concessions I and II West of Hurontario Street;

Thence southerly along that centre line 450 feet to a point;

Thence southeasterly in a straight line to the place of beginning.

- xxiv. The north quarter of Lot 12, and the south half of Lot 13, in Concession II, west of Hurontario Street.
- xxv. That parcel of land beginning at the intersection of the westerly prolongation of the line between the north and south halves of Lot 13 in Concession II West of Hurontario Street and the centre line of the road allowance between concessions II and III West of Hurontario Street;
- Thence northerly along that centre line 600 feet to a point;
- Thence southeasterly in a straight line to a point in the line between the north and south halves of that Lot distant 1,100 feet measured easterly from its westerly limit;
- Thence westerly along that line to the place of beginning.
- xxvi. The north half of the west half of Lot 12, lots 13 and 14, and the west half of Lot 15, in Concession III, west of Hurontario Street.
- xxvii. That parcel of land beginning at the intersection of the easterly prolongation of the northerly limit of Lot 12 in Concession III West of Hurontario Street and the centre line of the road allowance between concessions II and III West of Hurontario Street;
- Thence southerly along that centre line to the easterly prolongation of a line parallel with and distant 200 feet measured southerly from the northerly limit of Lot 10 in Concession III West of Hurontario Street;
- Thence westerly to and along that parallel line to the westerly high-water mark of the Credit River;
- Thence northerly along that westerly high water mark to the northerly limit of that Lot;
- Thence westerly along that northerly limit 640 feet to a point;

Thence northerly to and along the westerly limit of the lands of the Botanical Gardens as described in Instrument Number 116510 to the northwesterly limit of the right-of-way of the Canadian Pacific Railway;

Thence northeasterly along that northwesterly limit 522.57 feet to the northerly limit of Lot 11 in that Concession;

Thence northerly and parallel with the westerly limit of Lot 12 in that Concession to the line between the north and south halves of that Lot;

Thence easterly along that half Lot line to the centre line of that Concession;

Thence northerly along that centre line to the northerly limit of that Lot;

Thence easterly along that northerly limit and its prolongation to the place of beginning.

xxviii. The north quarter of Lot 12, lots 13 and 14, and the east half of Lot 15, in Concession IV, west of Hurontario Street.

xxix. The east half and the north half of the west half of Lot 13, the south half of the east half and the west half of Lot 14, in Concession V, west of Hurontario Street.

xxx. That parcel of land beginning at the northeasterly angle of the southwesterly quarter of Lot 13 in Concession V West of Hurontario Street;

Thence westerly along the line between the north and south halves of that Lot 400 feet to a point;

Thence southeasterly in a straight line to a point in the easterly limit of the southwest quarter of that Lot distant 200 feet measured southerly therealong from its northeasterly angle;

Thence northerly along that easterly limit 200 feet to the place of beginning.

xxxi. The north half of the south half of the east half of Lot 14, and the north half of Lot 14 and the south quarter of Lot 15, in Concession VI, west of Hurontario Street.

xxxii. That parcel of land beginning at the intersection of the westerly boundary of the City of Mississauga and the westerly prolongation of a line parallel with and distant 200 feet measured northerly at right angles from the southerly limit of Lot 13 in Concession VI West of Hurontario Street;

Thence easterly to and along that parallel line to a point distant 700 feet measured easterly therealong from the westerly limit of that Lot;

Thence northeasterly in a straight line to the southwesterly angle of the east half of Lot 14 in that Concession;

Thence easterly along the southerly limit of that Lot and its prolongation to the centre line of the road allowance between concessions V and VI West of Hurontario Street;

Thence northerly along that centre line to the easterly prolongation of the northerly limit of the south quarter of that Lot;

Thence westerly to and along that northerly limit to the centre line of that Concession VI;

Thence northerly along that centre line to the line between the north and south halves of the west half of that Lot;

Thence westerly along that half Lot line and its prolongation to the westerly boundary of the City of Mississauga;

Thence southerly along that westerly boundary to the place of beginning.

xxxiii. Lots A to 35, both inclusive, in Concession II, north of Dundas Street, saving and excepting the southerly 2,750 feet of Lot A, the southerly 2,800 feet of Lot 1, the southerly 3,050 feet and the northerly 1,700 feet of Lot 2, the southerly 3,550 feet and the northerly 2,000 feet of Lot 3, the southerly 3,650 feet and the northerly 2,300 feet of Lot 4, the southerly 3,750 feet and the northerly 2,200 feet of Lot 5, the southerly 3,800 feet and the northerly 2,100 feet of lots 6 to 8, both inclusive, the southerly 3,750 feet and the northerly 2,200 feet of Lot 9, the southerly 3,600 feet of Lot 10 and the northerly 2,300 feet of the east half of Lot 10, the southerly 3,450 feet of Lot 11 and the northerly 2,000 feet of the west half of Lot 11, the southerly 3,350 feet and the northerly 2,250 feet of Lot 12, those portions of lots 13 to 24, both inclusive, that lie between the south limit of Base Line Road West and the north limit of Ontario Hydro right of way, the southerly 3,300 feet of Lot 13, the southerly 3,250 feet of Lot 14; the southerly 3,200 feet of Lot 15, the southerly 3,100 feet of Lot 16, the southerly 3,050 feet of Lot 17, the southerly 3,000 feet of Lot 18, the southerly 2,950 feet of Lot 19, the southerly 2,900 feet of Lot 20, the southerly 2,850 feet of Lot 21, the

southerly 2,750 feet of Lot 22, the southerly 2,650 feet of lots 23 and 24, the southerly 2,950 feet and the northerly 2,400 feet of Lot 31, the southerly 3,000 feet and the northerly 2,400 feet of Lot 32, the southerly 3,100 feet and the northerly 2,350 feet of Lot 33, the southerly 3,150 feet and the northerly 2,300 feet of Lot 34, the southerly 3,200 feet and the northerly 2,300 feet of Lot 35.

xxxiv. That parcel of land beginning at the northwesterly angle of the southerly 3,800 feet of Lot 8 in Concession II North of Dundas Street;

Thence easterly and parallel with the southerly limit of that Lot 800 feet to a point;

Thence southwesterly 870 feet, more or less, to the northeasterly angle of Instrument Number 118939 V.S.;

Thence southwesterly 1,300 feet, more or less, to the southwesterly angle of that Instrument;

Thence southwesterly 950 feet, more or less, to a point on the southerly limit of Instrument Number 115239 V.S. distant 462.40 feet measured easterly therealong from the easterly limit of the road allowance between lots 10 and 11 in that Concession;

Thence westerly along that southerly limit 250 feet to a point;

Thence southerly and parallel with the easterly limit of that road allowance to the intersection of the easterly prolongation of the southerly limit of Lot 13 of Registered Plan A-24;

Thence westerly to and along that southerly limit to a point distant 100 feet measured westerly therealong from its southeasterly angle;

Thence northerly and parallel with the easterly limit of that Lot a distance of 250 feet to a point;

Thence northwesterly to a point distant 250 feet measured westerly from that easterly limit along a line parallel with and distant 60 feet measured southerly at right angles from the northerly limit of that Lot;

Thence westerly to a point in the westerly limit of Lot 14 of that Plan distant 70 feet measured southerly from its northwesterly angle;

Thence westerly to a point in the westerly limit of Lot 12 in that Concession II distant 3,257 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the westerly limit of Lot 13 in that Concession distant 3,295 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the westerly limit of Lot 14 in that Concession distant 3,168 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the westerly limit of Lot 15 in that Concession distant 2,890 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the easterly limit of Lot 16 in that Concession distant 2,870 feet measured northerly therealong from its southeasterly angle;

Thence westerly to a point in the westerly limit of that Lot distant 2,980 feet measured northerly therealong from its southwest-erly angle;

Thence westerly to a point in the southerly limit of the portion of The Parkway Belt Planning Area described in paragraph xvi, the said point being distant 400 feet measured westerly along a line parallel with and distant 3,050 feet measured northerly from the southerly limit of Lot 17 in that Concession;

Thence easterly following the southerly limits of that portion of the Planning Area to the place of beginning.

xxxv. That parcel of land beginning at a place in the line between the east and west halves of Lot 10 in Concession II North of Dundas Street distant 500 feet measured southerly therealong from the northerly limit of that Lot;

Thence easterly and parallel with that northerly limit to the westerly limit of Lot 9 in that Concession;

Thence southerly along that westerly limit 1,360.55 feet to a point;

Thence easterly to a point in the westerly limit of Tomken Road distant 1,868.66 feet measured southerly therealong from the northerly limit of that Lot;

Thence southeasterly to a point in the easterly limit of Tomken Road distant 1,897.58 feet measured southerly there-

along from the northerly limit of Lot 8 in that Concession;

Thence easterly and parallel with that northerly limit 904.18 feet to a point;

Thence southerly and parallel with the easterly limit of Tomken Road 202.42 feet to the northerly limit of the portion of The Parkway Belt Planning Area described in paragraph xxxiii;

Thence westerly and northerly following the northerly limits of that portion of the Planning Area to the place of beginning.

- xxxvi. That parcel of land beginning at the northwesterly angle of the east half of Lot 11 in Concession II North of Dundas Street;

Thence northerly along the northerly prolongation of that half Lot limit to the centre line of the Base Line Road;

Thence westerly along that centre line to the northerly prolongation of a line parallel with and distant 360 feet measured easterly from the westerly limit of that Lot;

Thence southerly to and along that parallel line to a point distant 2,000 feet measured southerly from the northerly limit of that Lot;

Thence easterly and parallel with that northerly limit to the line between the east and west halves of that Lot;

Thence northerly along that line 2,000 feet to the place of beginning.

- xxxvii. That parcel of land beginning at a place in the easterly limit of Lot 33 in Concession II North of Dundas Street distant 3,100 feet measured northerly therealong from its southeasterly angle;

Thence southerly along that easterly limit 50 feet to a point;

Thence westerly to a point in the westerly limit of that Lot 33 distant 3,080 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the westerly limit of Lot 34 in that Concession distant 3,125 feet measured northerly therealong from its southwesterly angle;

Thence westerly to a point in the westerly limit of Lot 35 in that Concession distant

3,150 feet measured northerly therealong from its southwesterly angle;

Thence westerly and parallel with the southerly limit of that Lot to the centre line of the road allowance between the towns of Mississauga and Oakville as they existed on the 31st day of December, 1973;

Thence northerly along that centre line to a line parallel with and distant 3,200 feet measured northerly from that southerly limit;

Thence easterly along that parallel line to the southwesterly angle of the portion of The Parkway Belt Planning Area described in paragraph xxxiii;

Thence easterly along the southerly limits of that portion of the Planning Area to the place of beginning.

- xxxviii. Lots 3 to 5, both inclusive, Range 3, north of Dundas Street, saving and excepting the southerly 1,000 feet of lots 3 to 5, both inclusive.

- xxxix. Lots 1 to 8, both inclusive, Range 4, north of Dundas Street, saving and excepting the southerly 2,700 feet of Lot 1, saving and excepting the southerly 2,450 feet of Lot 2, saving and excepting the southerly 2,350 feet of the west half of Lot 3, saving and excepting the southerly 1,700 feet of the east half of Lot 3, saving and excepting the southerly 2,350 feet of Lot 7, saving and excepting the southerly 2,550 feet of Lot 8.

- xl. That parcel of land beginning at a place in the easterly limit of Lot 1 in Range 4 North of Dundas Street distant 2,700 feet measured northerly therealong from the southerly limit of that Lot;

Thence westerly and parallel with that southerly limit 300 feet to a point;

Thence easterly to a point in the easterly limit of the said Lot 1 distant 2,640 feet measured northerly therealong from its southerly limit;

Thence northerly along that easterly limit 60 feet to the place of beginning.

- xli. That parcel of land beginning at a place in the easterly limit of Lot 2 in Range 4 North of Dundas Street distant 2,450 feet measured northerly therealong from the southerly limit of that Lot;

Thence westerly and parallel with that southerly limit 300 feet to a point;

Thence easterly to a point in the easterly limit of that Lot distant 2,400 feet measured northerly therealong from its southerly limit;

Thence northerly along that easterly limit 50 feet to the place of beginning.

- xlii. That parcel of land beginning at a place in the line between the east and west halves of Lot 3 in Range 4 North of Dundas Street distant 2,350 feet measured northerly therealong from the southerly limit of that Lot;

Thence westerly and parallel with that southerly limit 400 feet to a point;

Thence easterly to a point in that half Lot line distant 2,275 feet measured northerly therealong from that southerly limit;

Thence northerly along that half Lot line 75 feet to the place of beginning.

- xliii. That parcel of land beginning at the southwesterly angle of Lot 7 in Range 4 North of Dundas Street;

Thence northerly along the westerly limit of that Lot to the northerly limit of the right-of-way of the Canadian Pacific Railway;

Thence southeasterly along that northerly limit to the southerly limit of Burnhamthorpe Road;

Thence westerly along that southerly limit to the southerly prolongation of the westerly limit of that Lot;

Thence northerly along that prolongation to the place of beginning.

- xliv. Lots 1 to 5, both inclusive, and lots 7 and 8, Range 5, north of Dundas Street, saving and excepting the northerly 2,400 feet of Lot 1, saving and excepting the northerly 2,550 feet of Lot 2, saving and excepting the northerly 2,850 feet of the west half of Lot 3, saving and excepting the easterly 1,000 feet of the south half of Lot 5, and the north half of Lot 5, saving and excepting the northerly 2,900 feet of Lot 7, and saving and excepting the northerly 2,800 feet of Lot 8.

- xlv. The southerly 4,450 feet of Lot 35, in Concession III, south of Dundas Street.

- xlvi. The westerly 650 feet of Lot 34, and Lot 35, in Concession IV, south of Dundas Street.

- xlvii. All original road allowances between or fronting the lands described in paragraphs i to xlv.

8. In the former Township of Toronto Gore in the County of Peel as it existed on the 31st day of December, 1973 and being composed of:

- i. Lot 1 in Concession VII.

- ii. That parcel of land beginning at the southeasterly angle of Lot 2 in Concession VII in the former Township of Toronto Gore;

Thence westerly along the southerly limit of that Lot 800 feet to a point;

Thence northeasterly in a straight line to the northeasterly angle of the south half of that Lot;

Thence easterly along the easterly prolongation of the northerly limit of that south half to the centre line of the road allowance between concessions VII and VIII in the former Township of Toronto Gore;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of that Lot;

Thence westerly along that prolongation to the place of beginning.

- iii. Lots 1 to 5, both inclusive, in Concession VIII.

- iv. Lots 1 to 5, both inclusive, in Concession IX.

- v. Beginning at a place in the centre line of the road allowance between concessions IX and X in the former Township of Toronto Gore distant 400 feet measured southerly therealong from the westerly prolongation of the northerly limit of Lot 2 in that Concession X;

Thence easterly in a straight line to a point in the easterly limit of that Lot distant 750 feet measured southerly therealong from the northerly limit of that Lot;

Thence easterly along the prolongation of that straight line to the eastern boundary of the City of Brampton;

Thence southerly along that eastern boundary to the centre line of the road allowance between concessions IX and X in the former Township of Toronto Gore;

Thence northerly along that centre line to the place of beginning.

- vi. All original road allowances between or fronting the lands described in paragraphs i to iv.

9. In the former Town of Dundas in the County of Wentworth as it existed on the 31st day of December, 1973, more particularly described as follows:

Beginning at the northeast angle of the former Town of Dundas;

Thence westerly and southerly following the boundaries of the former Town of Dundas to the south limit of the right-of-way of the Canadian National Railways;

Thence westerly along the south city limit of the said right-of-way, it also being the northerly boundary of the former Town of Dundas, to the west limit of Lot 16 in Concession I of the Township of West Flamborough;

Thence southerly along the prolongation of the west limit of Lot 16 to a point measured southerly 100 feet at right angles from the south limit of the said right-of-way;

Thence easterly and parallel with the said right-of-way measured 100 feet at right angles therefrom to the line between the east and west halves of Lot 20 in Concession I, formerly in the Township of West Flamborough;

Thence southerly along the line between the east and west halves of said Lot 20 to the south limit of York Road;

Thence westerly and southwesterly along the southerly limit of York Road to the north limit of Cairns Avenue;

Thence easterly along the north limit of Cairns Avenue to the east limit of East Street;

Thence southerly along the east limit of East Street to the south limit of Hunter Street;

Thence easterly along the south limit of Hunter Street and its prolongation a distance of 1000 feet to a point;

Thence southerly and parallel with the east limit of East Street and its southerly prolongation to the south limit of King Street;

Thence westerly along the south limit of King Street to the east limit of East Street;

Thence southerly along the east limit of East Street to the middle of Spencer Creek;

Thence easterly along the middle of Spencer Creek an approximate distance of 2,500 feet to the west limit of the lands of The Hydro-Electric Power Commission;

Thence southerly along the west limit of the lands of the said Hydro-Electric Power Commission to the southerly boundary of the Town of Dundas;

Thence easterly along the south boundary of the Town of Dundas to the east limit of the lands of the said Hydro-Electric Power Commission;

Thence northerly along the east limit of the said Hydro-Electric Power Commission lands to the middle of said Spencer Creek;

Thence easterly along the middle of said Spencer Creek to the boundary of the former Town of Dundas;

Thence easterly and northerly following the boundaries of the Town of Dundas to the place of beginning.

10. In the former Township of East Flamborough in the County of Wentworth as it existed on the 31st day of December, 1973 and being composed of:

- i. Lots 1 to 6, both inclusive, in Concession II, saving and excepting those portions of lots 1 to 6, both inclusive, lying within the former Town of Burlington.

- ii. That portion of Lot 1, Concession III lying south of the southerly limit of King's Highway No. 5, saving and excepting the northerly 1,300 feet of such portion.

- iii. That portion of Lot 2, Concession III lying south of the southerly limit of King's Highway No. 5, saving and excepting the northerly 2,100 feet of such portion.

- iv. Those portions of lots 8 to 13, both inclusive, in Concession III lying south of the southerly limit of King's Highway No. 5, saving and excepting the northerly 900 feet of such portion.

- v. That parcel of land beginning at a place in the northeasterly limit of Lot 8 in Concession III distant 900 feet measured southeasterly from the southerly limit of that part of the King's Highway known as No. 5;

Thence southwesterly and parallel with the northwesterly limit of that Lot to the limit as shown on Registered Plan Number 894;

Thence northwesterly along that limit to an angle in that Plan;

Thence northeasterly following the southerly limit of that Plan to the northeasterly limit of the said Lot 8;

Thence southeasterly along that northeasterly limit to the place of beginning.

- vi. That parcel of land beginning at a place in the northeasterly limit of Lot 9 in Concession III distant 900 feet measured southeasterly from the southerly limit of that part of the King's Highway known as No. 5;

Thence southwesterly and parallel with the northwesterly limit of that Lot to the northeasterly limit as shown on Registered Plan Number 953;

Thence northwesterly along that northeasterly limit to a line parallel with and distant 200 feet measured northwesterly from the brow of the escarpment;

Thence northeasterly and parallel with that brow to the northeasterly limit of the said Lot;

Thence southeasterly along that northeasterly limit 10 feet to the place of beginning.

- vii. All original road allowances between or fronting the land described in paragraphs i to iv.

11. In the City of Hamilton in The Regional Municipality of Hamilton-Wentworth, more particularly described as follows:

- i. Beginning at the intersection of the northwesterly boundary of the City of Hamilton and the westerly limit of the lands of the Ontario Hydro crossing the Ancaster Creek;

Thence southerly along that westerly limit to its intersection with the westerly prolongation of the northerly limit of Lot 19 of Registered Plan Number 904;

Thence easterly to and along that northerly limit to the westerly limit of Parcel 'A' of Registered Plan Number 770;

Thence southerly along that westerly limit to the southerly limit of that Parcel;

Thence northeasterly following the southeasterly limits of that Parcel to the westerly limit of Lakelet Drive as shown on Registered Plan Number 691;

Thence northerly along that westerly limit to the northerly limit of that Plan;

Thence easterly along that northerly limit to the westerly limit of Lot 28 of Registered Plan Number 824;

Thence northerly along the westerly limit of lots 28, 27, 26, 25 and 24 as shown on

that Plan to the northerly limit as shown on that Plan;

Thence easterly along that northerly limit to the westerly limit of the right-of-way of the Toronto, Hamilton and Buffalo Railway;

Thence north 7° 06' west along that westerly limit 428.0 feet to a point;

Thence north 59° 30' east 600 feet, more or less, to a survey post in the westerly limit of the lands of the Royal Botanical Gardens as shown on Instrument Number 297345 (Ham);

Thence south 19° 26' 30" east 407 feet, 0 inches to a point;

Thence north 88° 18' east 340 feet, 9¼ inches to a point;

Thence north 5° 19' east 1,052 feet, 9½ inches to a point;

Thence north 61° 28' east 83 feet, 2¼ inches to a point;

Thence south 37° 19' east 196 feet, 9¾ inches to a point;

Thence north 89° 51' 30" east 106 feet, 1¾ inches to a point;

Thence north 42° 33' east 875 feet, 10 inches to a point;

Thence north 75° 47' 30" east 400 feet to a point;

Thence southeasterly in a straight line to the westerly angle of Lot 49 of Registered Plan Number 685;

Thence easterly along the northerly limit of the said Plan to its easterly angle;

Thence southeasterly to and along the northeasterly limit as shown on Registered Plan Number 680 to the northerly limit of Knoll Drive;

Thence in a general easterly direction following the northerly limits of Knoll Drive, Dromore Crescent, Marion Avenue, Cline Crescent and King Street West to the boundary between the former townships of Ancaster and Barton;

Thence northerly along the said boundary to the northerly limit as shown on Registered Plan Number 730;

Thence northeasterly along that northerly limit and the easterly prolongation of the northerly limit as shown on the said Plan to the easterly limit of Longwood Road;

Thence northerly along the said easterly limit to the westerly prolongation of the northerly limit of Lot 21 of Registered Plan Number 902;

Thence easterly to and along the northerly limit of lots 21, 22 and 23 as shown on the said Plan to the northeasterly angle of the said Lot 23;

Thence southerly along the westerly limit of Block A of the said Plan to its southwesterly angle;

Thence easterly along the southerly limit of the said Block to its southeasterly angle;

Thence southerly along the westerly limit of Paradise Road North to the westerly prolongation of the northerly limit of Lot 181 of Registered Plan Number 115;

Thence easterly to and along the northerly limit of that Lot to its northeasterly angle;

Thence southerly along the easterly limit of the said Lot to its southeasterly angle;

Thence easterly along the southerly limit of Lot 180 of the said Plan, being along the northerly limit of Registered Plan Number 918, to the easterly limit of the said Plan;

Thence southerly along the easterly limit of the said Plan to its southeasterly angle;

Thence westerly along the southerly limit of the said Plan to the northwesterly angle of Lot 170 of Registered Plan Number 115;

Thence southerly along the westerly limit of lots 170, 169, 166, 165, 162, 161, 158, 157, 154, 152, 151, 147 and 146 of the said Plan and the southerly prolongation of the westerly limit of the said Lot 146 to the southerly limit of Edgevale Place;

Thence westerly along the said southerly limit to the easterly limit of Parkside Road North;

Thence southerly along the said easterly limit to a line midway between Athol Street and Dufferin Street;

Thence easterly along the said line to the easterly limit of Macklin Street;

Thence southerly along the said easterly limit to the southerly limit of Dufferin Street;

Thence easterly along the said southerly limit to the northwesterly angle of Lot 286 of that Plan;

Thence southerly along the westerly limit of the said Lot 286 to its southwesterly angle;

Thence easterly along the southerly limit of lots 286, 288, 290 and 292 of the said Plan to the westerly limit of Lot 293 of the said Plan;

Thence southerly along the said westerly limit and its southerly prolongation to the southerly limit of Glen Road;

Thence easterly along the said southerly limit to the northerly limit of King Street West;

Thence easterly along the said northerly limit to the easterly limit of the right-of-way of the Toronto, Hamilton and Buffalo Railway;

Thence northerly along the said easterly limit to the southerly limit of Lot 8 of Registered Plan Number 42;

Thence easterly along the southerly limit of lots 8, 7 and 6 of the said Plan to the easterly limit of the said Lot;

Thence northerly along the said easterly limit to the northeasterly angle of the said Lot;

Thence northerly to and along the easterly limit of Lot 17 of the said Plan to its northeasterly angle;

Thence westerly along the southerly limit of lots 6, 7, 8, 9 and 10 of the said Plan to the westerly limit of the said Lot 10;

Thence northerly along the said westerly limit to the southerly limit of Jones Street;

Thence easterly along the said southerly limit to the northeasterly angle of Lot 7 of the said Plan;

Thence northerly to and along the westerly limit of Lot 51 of Registered Plan Number 75 to its northwesterly angle;

Thence easterly along the northerly limit of lots 51 and 50 of the said Plan to the westerly limit as shown on Registered Plan Number 200;

Thence northerly along that westerly limit to the northerly limit as shown on the said Plan;

Thence easterly along the northerly limit as shown on Registered Plan Numbers 200 and 75 to the southwesterly limit of York Street;

Thence southeasterly along the said southwesterly limit to the southerly prolongation of the westerly limit shown on Registered Plan Number 228;

Thence northerly to and along the said westerly limit to the southerly limit of the right-of-way of the Canadian National Railways;

Thence easterly along the said southerly limit to the northerly prolongation of the easterly limit of Crooks Street;

Thence northerly along the said northerly prolongation to the Harbour Headline of Hamilton Harbour;

Thence westerly and northerly along the said Harbour Headline to Carrolls Point;

Thence northeasterly along the northerly shore of Hamilton Harbour to an angle in the City of Hamilton;

Thence northwesterly along the boundaries between the cities of Hamilton and Burlington to the eastern boundary of the Town of Dundas;

Thence southwesterly along the boundaries between the City of Hamilton and the Town of Dundas to the place of beginning. O. Reg. 399/75, s. 9.

12. In the former Village of Waterdown in the County of Wentworth as it existed on the 31st day of December, 1973 more particularly described as follows:

Beginning at a point in the southwest boundary of the former Village of Waterdown where it is intersected by the northwest limit of Mountain Brow Road;

Thence northwesterly along the southwest boundary of the former Village of Waterdown to the southerly angle of the registered lands conveyed to the Board of Trustees of the Roman Catholic Separate Schools for the former Village of Waterdown under Instrument No. 93875 H.L., registered in the Land Registry Office for the Land Registry Division of Wentworth (No. 62), the said angle being also the westerly angle of Block 48 as shown on a plan registered as No. 335 in the Land

Registry Office for the Land Registry Division of Wentworth (No. 62);

Thence northeasterly following the southeast limit of the lands in the said Registered Instrument No. 93875 H.L., a distance of 549 feet more or less to its easterly angle;

Thence continuing northeasterly along the northwest limit of a plan registered as No. M-38 in the Land Registry Office for the Land Titles Division of Wentworth (No. 62) to the northeast angle of Lot 1 of said Plan M-38;

Thence southeasterly along the northeast limit of lots 1 and 2 and then along the northeast limit of Lot 11 of said Plan M-38 to its easterly angle;

Thence easterly along the southeast limit of the lands described in Registered Instrument No. 106711 A.B., registered in the Land Registry Office for the Land Registry Division of Wentworth (No. 62) and its prolongation to the east limit of Main Street;

Thence northerly along the east limit of Main Street to the south limit of School Street;

Thence easterly along the south limit of School Street to the west limit of the right-of-way of the Canadian Pacific Railway;

Thence northerly along the west limit of the said right-of-way to the north limit of School Street;

Thence easterly along the prolongation of the north limit of School Street to the east limit of Mill Street;

Thence northerly along the east limit of Mill Street and to and then along the east limit of the said railway right-of-way to a point measured 250 feet southeasterly at right angles from the southeast limit of Dundas Street;

Thence northeasterly parallel with Dundas Street and to and then along the southeast limit of Back Street to the northeast boundary of the former Village of Waterdown;

Thence southeasterly along the said Village boundary to the northwest limit of Mountain Brow Road;

Thence southwesterly along the northwest limit of Mountain Brow Road to the place of beginning.

13. In the former Township of West Flamborough in the County of Wentworth as it existed on the 31st day of December, 1973 and being composed of:

- i. Lot 18, in Concession I, saving and excepting the whole of the northerly 2,350 feet of the west half of Lot 18, saving and excepting that portion of Lot 18 lying within the former Town of Dundas.

- ii. That parcel of land beginning at a place in the westerly limit of Lot 18 in Concession 1 distant 2,350 feet measured southerly therealong from its northwesterly angle;

Thence easterly and parallel with the northerly limit of the said Lot to the easterly limit of the west half of half of the said Lot;

Thence northerly along the said half Lot limit to the brow of the escarpment;

Thence westerly along the said brow to the westerly limit of the said Lot;

Thence southerly along that westerly limit to the place of beginning.

- iii. Lot 19, in Concession I, saving and excepting that portion of Lot 19 lying within the former Town of Dundas.

- iv. Lots 25 to 29, both inclusive, in Concession I.

- v. Lot 20, in Concession II, saving and excepting the northerly 4,400 feet of Lot 20, saving and excepting that portion of Lot 20 lying within the former Town of Dundas.

- vi. That parcel of land beginning at a place in the easterly limit of Lot 20 in Concession II distant 4,400 feet measured southerly therealong from its northeasterly angle;

Thence northerly along that easterly limit to a line parallel with and distant 300 feet measured northwesterly from the northwesterly limit of Rock Chapel Road;

Thence southwesterly and southerly and parallel with the westerly limit of that Road to its intersection with a line parallel with and distant 4,400 feet measured southerly from the northerly limit of that Lot 20;

Thence easterly and parallel with that northerly limit to the place of beginning.

- vii. Lot 21, in Concession II, saving and excepting the northerly 2,400 feet of Lot 21, saving and excepting that portion of Lot 21 lying within the former Town of Dundas.

- viii. Lots 22 and 23, in Concession II, saving and excepting the northerly 1,600 feet of lots 22 and 23, and saving and excepting those portions of lots 22 and 23 lying within the former Town of Dundas.

- ix. That parcel of land beginning at a place in the westerly limit of Lot 22 in Con-

cession II being distant 1,600 feet measured southerly therealong from its northwesterly angle;

Thence easterly and parallel with the northerly limit of that Lot to its intersection with a line parallel with and distant 300 feet north of the brow of the escarpment;

Thence westerly and parallel with that brow to the westerly limit of the said Lot;

Thence southerly along that westerly limit a distance of 15 feet to the place of beginning.

- x. Lot 24, in Concession II, saving and excepting the northerly 800 feet of Lot 24, saving and excepting that portion of Lot 24 lying within the former Town of Dundas.

- xi. Lot 25, in Concession II, saving and excepting that portion of Lot 25 lying within the former Town of Dundas.

- xii. Lots 26 to 29, both inclusive, in Concession II.

- xiii. That parcel of land beginning at the intersection of the northeastern boundary of the former Township of West Flamborough and the southerly limit of the road allowance between concessions II and III;

Thence westerly along that southerly limit to its intersection with a line parallel with and distant 300 feet measured northwesterly from the brow of the escarpment;

Thence northeasterly and parallel with that brow to the northeastern boundary of the former Township of West Flamborough;

Thence southeasterly along that northeastern boundary to the place of beginning.

- xiv. All original road allowances between or fronting the lands described in paragraphs i to xiii.

14. In the Town of Markham in The Regional Municipality of York and being composed of:

- i. The north half of Lot 34 and all of Lot 35, in Concession I.

- ii. That parcel of land beginning at the northwesterly angle of Lot 35 in Concession I in the Town of Markham;

Thence westerly along the prolongation of the northerly limit of that Lot to the

western boundary of the Town of Markham;

Thence northerly along that western boundary to the northerly limit of that part of the proposed King's Highway known as No. 407;

Thence easterly along that northerly limit to the centre line of the road allowance between concessions I and II East of Yonge Street;

Thence southerly along that centre line to the easterly prolongation of the northerly limit of Lot 35 in that Concession I;

Thence westerly to and along that northerly limit to the place of beginning.

- iii. The east quarter of Lot 5, the east half of Lot 6, and lots 7 to 10, both inclusive, in Concession II.

- iv. That parcel of land beginning at the northwesterly angle of Lot 10 in Concession II;

Thence westerly along the prolongation of the northerly limit of that Lot to the centre line of the road allowance between concessions I and II;

Thence northerly along that centre line to the northerly limit of that part of the proposed King's Highway known as No. 407;

Thence easterly along that northerly limit to the southerly limit of Lot 11 in Concession II;

Thence easterly along that southerly limit and its prolongation to the centre line of the road allowance between concessions II and III;

Thence southerly along that centre line to the easterly prolongation of the northerly limit of Lot 10 in Concession II;

Thence westerly to and along that northerly limit to the place of beginning.

- v. Lots 5 to 10, both inclusive, in Concession III.
- vi. Lots 5 to 10, both inclusive, in Concession IV.
- vii. That parcel of land beginning at the northwesterly angle of Lot 4 in Concession IV;

Thence westerly along the prolongation of the northerly limit of that Lot to the centre line of the road allowance between concessions III and IV;

Thence southerly along that centre line to the westerly prolongation of the southerly limit of the lands of the Canadian National Railways;

Thence easterly to and along that southerly limit to the northerly limit of Lot 4 in Concession IV;

Thence westerly along that northerly limit to the place of beginning.

- viii. The west half of Lot 6 and lots 7 to 10, both inclusive, in Concession V.

- ix. Lots 7 to 9, both inclusive, in Concession VI.

- x. The east half of Lot 6, and lots 7 to 9, both inclusive, in Concession VII.

- xi. That parcel of land beginning at the southwesterly angle of Lot 10 in Concession VII;

Thence easterly along the southerly limit of that Lot a distance of 358.45 feet, more or less, to the southwesterly angle of Lot 86 of Registered Plan Number 7326;

Thence northerly along the westerly limit of that Lot 50.0 feet to the southeasterly angle of Lot 87 of that Plan;

Thence westerly along the southerly limit of lots 87, 88 and 89 of that Plan 308.56 feet to the southwesterly angle of that Lot 89;

Thence westerly along the prolongation of the southerly limit of that Lot a distance of 83 feet, more or less, to the centre line of the road allowance between concessions VI and VII;

Thence southerly along that centre line 90 feet, more or less, to the westerly prolongation of the southerly limit of Lot 10 in Concession VII;

Thence easterly along that westerly prolongation to the place of beginning.

- xii. Blocks A and B of Registered Plan Number 7326 in Lot 10 in Concession VII, more particularly described as follows:

Beginning at a place in the southerly limit of that Lot distant 797.7 feet measured

easterly therealong from its southwesterly angle;

Thence north  $18^{\circ} 18'$  west along the westerly limit of that Block A to the southeasterly angle of that Block B;

Thence south  $71^{\circ} 42'$  west along the southerly limit of that Block B 101.01 feet to its westerly limit;

Thence northerly along that westerly limit, being along a curve having a radius of 50 feet, a distance of 20.14 feet to its northerly limit;

Thence north  $71^{\circ} 42'$  west along that northerly limit 101.01 feet to the westerly limit of that Block A;

Thence north  $18^{\circ} 18'$  west along that westerly limit 128.00 feet to its northwesterly angle;

Thence north  $72^{\circ} 16'$  east along the northerly limit of that Block A 399.47 feet to its northeasterly angle;

Thence south  $10^{\circ} 27'$  west along the easterly limit of that Block B 275.12 feet to its southerly limit;

Thence westerly along that southerly limit, being along the southerly limit of Lot 10 in Concession VII, 391.92 feet to the place of beginning.

- xiii. Lots 40, 41, 42, 43, 44, 45, 46, 47, 52, 53, 54, 64, 65, 66 and 67, Block B and parts of Comely Court and Wilcliff Courts all on Registered Plan Number 5880, being part of Lot 10 in Concession VII, more particularly described as follows:

Beginning at the southwesterly angle of Lot 40 of Registered Plan Number 5880, being distant 121.0 feet measured easterly along the southerly limit of Lot 10 in Concession VII from the easterly limit of Banfield Avenue;

Thence northerly along the westerly limit of that Lot a distance of 110.83 feet to the southerly limit of Wilcliff Court;

Thence northerly crossing that Court to the southwesterly angle of Lot 47 of that Plan;

Thence northerly along the westerly limit of that Lot 221.29 feet to its northerly angle;

Thence northwesterly along the southwesterly limit of Block B of that Plan

122.89 feet to the easterly limit of Banfield Road;

Thence northerly along that easterly limit 20.56 feet to the southerly limit of Drakefield Road;

Thence easterly along that southerly limit 332.44 feet to the northeasterly angle of Lot 54 of that Plan;

Thence southerly along the easterly limit of that Lot 171.87 feet to its southerly angle;

Thence southeasterly along the southwesterly limit of Lot 55 of that Plan 66.89 feet to the northwesterly limit of Lot 65 of that Plan;

Thence northeasterly along that northwesterly limit 123.22 feet to the northerly limit of Lot 64 of that Plan;

Thence easterly along that northerly limit 180.00 feet to its easterly limit;

Thence southerly along that easterly limit 130.41 feet to the northerly limit of Comely Court;

Thence southerly crossing Comely Court to the northeasterly angle of Lot 67 of that Plan;

Thence southerly along the easterly limit of that Lot 180.00 feet to the southerly limit of Lot 10 in Concession VII;

Thence westerly following along that southerly limit a distance of 511.28 feet to the place of beginning.

- xiv. That parcel of land beginning at the intersection of the southerly limit of Lot 10 in Concession VII and the easterly limit of the right of way, as shown on Registered Plan Number 3252, known as Milne Lane;

Thence north  $10^{\circ} 30' 10''$  west along that easterly limit 365.35 feet to a point;

Thence north  $10^{\circ} 31' 30''$  west along that easterly limit 31.98 feet to a point;

Thence north  $62^{\circ} 41' 30''$  east 110.00 feet to a point;

Thence north  $10^{\circ} 31' 30''$  west 100.00 feet to a point;

Thence north  $62^{\circ} 41' 30''$  east 41.53 feet to a point;

Thence south 58° 56' 10" east 222.28 feet to the centre line of the Rouge River;

Thence easterly along that centre line 250 feet to the westerly limit of the lands described in Registered Instrument Number 4452 lying south of that River;

Thence south 26° 31' 20" east along that westerly limit 214.74 feet to a point;

Thence south 21° 31' 20" west 32.49 feet to a point;

Thence south 3° 02' 10" east 59.57 feet to a point;

Thence south 4° 35' 20" east 38.36 feet to the southerly limit of Lot 10 in Concession VII;

Thence westerly along that southerly limit 570.04 feet to the place of beginning.

- xv. All original road allowances between or fronting the lands described in paragraphs i to x.

15. In the Town of Richmond Hill in The Regional Municipality of York and being composed of:

- i. The west half of Lot 36 and the west quarter of lots 37 to 39, both inclusive, in Concession I, west of Yonge Street.
- ii. That portion of Lot 36 in Concession I West of Yonge Street, more particularly described as follows:

Beginning at the southwesterly angle of the east half of that Lot;

Thence easterly along the southerly limit of that Lot a distance of 700 feet to a point;

Thence northerly and parallel with the westerly limit as shown on Registered Plan Number 3450 a distance of 370 feet to a point;

Thence northwesterly in a straight line to the northwesterly angle of the southeast quarter of the said Lot;

Thence southerly along the westerly limit of the east half of that Lot to the place of beginning.

- iii. That portion of Lot 37 in Concession I West of Yonge Street, more particularly described as follows:

Beginning at the southwesterly angle of the easterly three quarters of the said Lot;

Thence easterly along the southerly limit of that Lot to a point distant 230 feet measured westerly therealong from the southeasterly angle of Block D of Registered Plan Number 1984;

Thence northwesterly to a point in the southerly limit of Block C of the said Plan distant 200 feet measured westerly therealong from the southeasterly angle of the said Block C;

Thence northwesterly to a point in the northerly limit of the said Block C distant 350 feet measured westerly therealong from its northeasterly angle;

Thence westerly along that northerly limit to the westerly limit of Garden Avenue;

Thence northerly along that westerly limit a distance of 33.25 feet to the northerly limit of the said Block;

Thence westerly along that northerly limit to the easterly limit of the west quarter of the said Lot;

Thence southerly along that easterly limit to the place of beginning.

- iv. That portion of Lot 39 in Concession I West of Yonge Street, more particularly described as follows:

Beginning at the northeasterly angle of the west quarter of the said Lot;

Thence easterly along the northerly limit of the said Lot to the northwesterly limit as shown on Registered Plan Number 4215;

Thence southwesterly along that northwesterly limit to the easterly limit of the west quarter of the said Lot;

Thence northerly along that easterly limit to the place of beginning.

- v. That parcel of land beginning at the intersection of the westerly limit of Lot 36 in Concession I East of Yonge Street and the north limit of that part of the King's Highway known as No. 7;

Thence northerly along that westerly limit to the centre line of that Lot;

Thence easterly along that centre line to the easterly limit of that Lot;

Thence southerly along that easterly limit to the northerly limit of that part of the King's Highway known as No. 7;

Thence westerly along that northerly limit to the place of beginning.

- vi. All original road allowances between or fronting the said lands described in paragraphs i and v.

16. In the Town of Vaughan in The Regional Municipality of York and being composed of:

- i. Lots 32 to 35, both inclusive, in Concession I, saving and excepting the westerly 2,000 feet of Lot 32, saving and excepting the westerly 2,200 feet of lots 33 and 34, saving and excepting those parcels of land shown on plans registered as No. 3765 in the Land Registry Office for the Land Registry Division of Toronto Boroughs and York South (No. 64) and as No. M-681 in the Land Registry Office for the Land Titles Division of Toronto and York (No. 66).

- ii. That parcel of land beginning at the intersection of the eastern boundary of the Town of Vaughan and the easterly prolongation of the northerly limit of Lot 31 in Concession I West of Yonge Street;

Thence westerly to and along that northerly limit to the westerly limit as shown on Registered Plan Number 328;

Thence southerly along that westerly limit to the southerly limit of the said Plan;

Thence southeasterly along that southerly limit and its prolongation to the eastern boundary of the said Town;

Thence northerly along that eastern boundary to the place of beginning.

- iii. That parcel of land beginning at the intersection of the centre line of that part of the King's Highway known as No. 7 and the westerly prolongation of the northerly limit of Lot 34 in Concession I West of Yonge Street;

Thence easterly to and along the northerly limit of that Lot to a point distant 2,200 feet measured easterly therealong from its northwesterly angle;

Thence southerly and parallel with the westerly limit of that Lot to its southerly limit;

Thence westerly along the southerly limit of that Lot and its prolongation to the centre line of that part of the King's Highway known as No. 7;

Thence northerly along that centre line to the place of beginning.

- iv. All of Block J of Registered Plan Number M-681, more particularly described as follows:

Beginning at a place in the northerly limit of Lot 34 in Concession I distant 2,926 feet, 9½ inches measured westerly therealong from the northeasterly angle of that Lot;

Thence south 73° 37' west along that northerly limit 434 feet, 1 inch to a point;

Thence south 38° 19' east a distance of 370 feet, ¾ inch to a point;

Thence south 78° 53' east a distance of 331 feet, 5½ inches to a point;

Thence north 16° 10' west a distance of 494 feet, 9 inches to the place of beginning.

- v. The westerly 1,300 feet of Lot 8, the west half of Lot 9, Lot 10, and the east half of Lot 11, in Concession II.

- vi. That parcel of land beginning at the intersection of the centre line of that part of the King's Highway known as No. 7 and the easterly prolongation of the northerly limit of Lot 9 in Concession II;

Thence southerly along that centre line to the easterly prolongation of the northerly limit of Lot 8 in the said Concession;

Thence westerly to and along that northerly limit to a point distant 300 feet measured easterly therealong from the northwesterly angle of the east half of that Lot;

Thence southwesterly to the southwesterly angle of Lot 7 in that Concession;

Thence westerly along the prolongation of the southerly limit of that Lot to the centre line of the road allowance between concessions II and III;

Thence northerly along that centre line to the westerly prolongation of the southerly limit of Lot 8 in Concession II;

Thence easterly to and along that southerly limit to a line parallel with and distant 1,300 feet east of the westerly limit of that Lot;

Thence northerly along that parallel line to the southerly limit of Lot 9 in that Concession;

Thence easterly along that southerly limit to the westerly limit of the east half of the said Lot;

Thence northerly along that westerly limit to the northerly limit of the said Lot;

Thence easterly along that northerly limit and its prolongation to the place of beginning.

- vii. The west half of lots 2 and 3, the west half and the west half of the east half of Lot 4, the east half of lots 5 and 6, the east quarter of lots 7 and 8, and the easterly 500 feet of Lot 9, in Concession III, saving and excepting the land shown on the plan registered as No. 2468 in the Land Registry Office for the Land Registry Division of Toronto Boroughs and York South (No. 64).

- viii. That parcel of land beginning at the intersection of the southerly limit of Lot 1 in Concession III and the easterly limit of the right-of-way of the Canadian National Railways;

Thence northerly along that easterly limit to the northerly limit of the said Lot;

Thence westerly along that northerly limit and its prolongation to the centre line of the road allowance between concessions III and IV;

Thence southerly along that centre line to the westerly prolongation of the southerly limit of the north half of that Lot;

Thence easterly to and along that southerly limit to a point distant 550 feet measured easterly therealong from the westerly limit of that Lot;

Thence northeasterly in a straight line to a point in the southerly limit of the right-of-way of the Canadian National Railways distant 1,100 feet measured easterly therealong from the westerly limit of that Lot;

Thence easterly, southeasterly and southerly following that right-of-way to the southerly limit of that Lot;

Thence easterly along that southerly limit to the place of beginning.

- ix. That parcel of land beginning at the northwesterly angle of the east half of Lot 3 in Concession III;

Thence southerly along the westerly limit of the east half of that Lot a distance of 550 feet to a point;

Thence northeasterly in a straight line to a point in the northerly limit of that Lot distant 600 feet measured easterly from the place of beginning;

Thence westerly along that northerly limit a distance of 600 feet to the place of beginning.

- x. That parcel of land beginning at the northwesterly angle of the east quarter of Lot 4 in Concession III;

Thence southerly along the westerly limit of that east quarter a distance of 400 feet to a point;

Thence northeasterly in a straight line to a point on the northerly limit of that Lot distant 400 feet measured easterly from the place of beginning;

Thence westerly along that northerly limit a distance of 400 feet to the place of beginning.

- xi. The westerly 1,000 feet of Lot 1, and lots 2 and 3, in Concession IV.

- xii. That parcel of land beginning at the northeasterly angle of Lot 1 in Concession IV;

Thence westerly along that northerly limit to a line parallel with and distant 1,000 feet measured easterly therealong from the westerly limit of that Lot;

Thence southerly and parallel with that westerly limit to a line parallel with and distant 645 feet measured southerly at right angles from the southerly limit of the right-of-way of the Canadian National Railways;

Thence easterly and parallel with that southerly limit to the centre line of the road allowance between concessions III and IV;

Thence northerly along that centre line to the intersection of the easterly prolongation of the northerly limit of Lot 1 in Concession IV;

Thence westerly along that prolongation to the place of beginning.

- xiii. The east quarter of Lot 1, all of lots 2 and 3, and the west half of the east half of Lot 4 and the west half of Lot 4, in Concession V.

- xiv. That parcel of land beginning at the southeasterly angle of Lot 4 in Concession V;

Thence westerly along that southerly limit of that Lot to the westerly limit of the east quarter of that Lot;

Thence northerly along that westerly limit to a line parallel with and distant 150 feet measured northerly therealong from that southerly limit;

Thence easterly along that parallel line to the centre line of the road allowance between concessions IV and V;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of that Lot 4;

Thence westerly along that easterly prolongation to the place of beginning.

- xv. Lots 2 and 3, in Concession VI.

- xvi. That parcel of land beginning at the southeasterly angle of Lot 4 in Concession VI;

Thence westerly along the southerly limit of that Lot to the westerly limit of the east half of that Lot;

Thence northerly along that half Lot limit a distance of 300 feet to a point;

Thence easterly and parallel with that southerly limit to the centre line of the road allowance between concessions V and VI;

Thence southerly along that centre line to the easterly prolongation of the southerly limit of that Lot;

Thence westerly along that prolongation to the place of beginning.

- xvii. That portion of Lot 1 lying west of Islington Avenue north, lots 2 and 3, that portion of Lot 4 that lies west of Islington Avenue north, and that portion of the south half of Lot 5 lying west of Islington Avenue north, in Concession VII.

- xviii. Lot 1, the south half of the west half and the east half of Lot 2, the easterly 1,800 feet of lots 3 and 4, and the south half of the east quarter of Lot 5, in Concession VIII;

- xix. That parcel of land beginning at the northwesterly angle of Lot 4 in Concession VIII;

Thence easterly along the northerly limit of that Lot to a point distant 1,800 feet measured westerly therealong from the northeasterly angle of that Lot;

Thence southerly and parallel with the easterly limit of lots 4 and 3 in Concession VIII to the southerly limit of that Lot 3;

Thence westerly along that southerly limit to the easterly limit of the west half of Lot 2 in the said Concession;

Thence southerly along that half Lot limit to the southerly limit of the north half of that Lot;

Thence westerly along that half Lot limit and its prolongation to the centre line of the road allowance between concessions VIII and IX;

Thence northerly along that centre line to the westerly prolongation of the northerly limit of Lot 4 in the said Concession;

Thence easterly along that westerly prolongation to the place of beginning.

- xx. That parcel of land beginning at a place in the northerly limit of Lot 5 in Concession VIII distant 1,800 feet measured westerly therealong from the northeasterly angle of that Lot;

Thence southerly and parallel with the easterly limit of that Lot to its southerly limit;

Thence easterly along that southerly limit to the westerly limit of the east quarter of that Lot;

Thence northerly along that quarter limit to the westerly limit of the east quarter of that Lot;

Thence northerly along that quarter limit to the line between the north and south halves of that Lot;

Thence easterly along that line to a point distant 1,000 feet measured westerly from the easterly limit of that Lot;

Thence northerly and parallel with that easterly limit to the centre line of the road allowance between lots 5 and 6 in the said Concession;

Thence westerly along that centre line a distance of 800 feet to a point;

Thence southerly and parallel with the easterly limit of the said Lot 5 to the place of beginning.

xxi. Lot 1, and the south half of Lot 2, in Concession IX.

xxii. That parcel of land beginning at a place in the centre line of the road allowance between concessions VIII and IX distant 320 feet measured southerly therealong from the easterly prolongation of the northerly limit of Lot 3 in Concession IX;

Thence westerly in a straight line to a point in the westerly limit of that Lot distant 110 feet measured southerly therealong from its northwesterly angle;

Thence southerly along the westerly limit of lots 3 and 2 in Concession IX to the line between the north and south halves of that Lot 2;

Thence easterly along that line and its prolongation to the centre line of the road allowance between concessions VIII and IX;

Thence northerly along that centre line to the place of beginning.

xxiii. All original road allowances between or fronting the lands described in paragraphs i to xxi. O. Reg. 472/73, s. 1; O. Reg. 744/73, s. 1; O. Reg. 339/75, ss. 1-13.

2. The Minister directs that an investigation and survey of the environmental, physical, social and economic conditions shall be carried out in relation to the development of The Parkway Belt Planning Area and as a result of such investigation and survey, there shall be prepared within a period of one year The Parkway Belt Plan. O. Reg. 472/73, s. 2.



REGULATION 745

under the Partnerships Registration Act

GENERAL

1. Where a person files a declaration under the Act with the Registrar of Partnerships, the form of the declaration shall be the form provided by the Registrar of Partnerships. O. Reg. 347/73, s. 1.

2. The information required to be set out in a declaration mentioned in section 1 shall be clearly, neatly and legibly typewritten or printed on the form in a manner suitable for photographing on microfilm. O. Reg. 347/73, s. 2.

3. Where an extension of the period for filing is sought under section 10 of the Act, an affidavit in the form provided by the Registrar of Partnerships shall be filed with the Registrar of Partnerships. O. Reg. 347/73, s. 3.

4.—(1) Upon payment of the fee prescribed in the Schedule a person is entitled to a copy or a certified copy of a declaration filed with the Registrar of Partnerships under the Act.

(2) Upon payment of the fee prescribed in the Schedule, the Registrar of Partnerships shall,

- (a) issue a certificate of registration; or
- (b) furnish a certificate as to whether or not a declaration has been filed with him under the Act,

as the case may be.

(3) The Registrar of Partnerships or any person designated by him may sign a certificate referred to in subsection (1) or (2). O. Reg. 347/73, s. 4.

5. Where a declaration,

- (a) expires under section 17 of the Act; or
- (b) is renewed or replaced by a new declaration,

the Registrar of Partnerships may remove the declaration from his records and destroy it. O. Reg. 347/73, s. 5.

6. Where a declaration or a power of attorney under the *Limited Partnerships Act* expires or is renewed or replaced, the Registrar of Partnerships may remove it from the records and, after microfilming the document, may destroy it. O. Reg. 1067/80, s. 1.

7.—(1) Subject to subsection (2) the Registrar of Partnerships is entitled to the fees set out in the Schedule.

(2) No fees are required to be paid under subsection (1) by,

- (a) any ministry of the Government of Ontario, or any agency, board or commission thereof, including the offices of sheriff and land registrar;
- (b) any ministry of the Government of any other province of Canada having reciprocal arrangements or any agency, board or commission thereof;
- (c) any ministry of the Government of Canada or any agency, board or commission thereof; or
- (d) a police force or fire department of any municipality in Ontario. O. Reg. 347/73, s. 6.

8.—(1) The central registry for all declarations, certificates and records under the Act and the *Limited Partnerships Act* is the office of the Registrar of Partnerships, Companies Division, Toronto.

(2) All declarations under the Act shall be filed in the central registry. O. Reg. 356/75, s. 1.

Schedule

FEES PAYABLE TO THE REGISTRAR OF PARTNERSHIPS

1. For filing a declaration and issuing a certificate of registration.....	\$10.00
2. For a certificate of registration or for a certificate of non-registration.....	10.00
3. i. Subject to paragraph ii, for the search of each name that is submitted and when requested, for a copy of the declaration, if any ....	2.00
ii. For each copy of each declaration filed under this Act during a specified day or days where requested in advance and no search is required .....	.60
4. For certification of a copy of a declaration or part thereof.....	10.00



## REGULATION 746

### under the Pension Benefits Act

#### GENERAL

#### 1. In this Regulation,

- (a) "accountant" means a public accountant licensed under the *Public Accountancy Act* or having such other qualifications as may be accepted by the Commission;
- (b) "actuary" means a Fellow of the Canadian Institute of Actuaries;
- (c) "experience deficiency", when applied to a pension plan, means any deficit, determined at the time of a review of the plan, that is attributable to factors other than,
  - (i) the existence of an initial unfunded liability, or
  - (ii) the failure of the employer to make any payment as required by the terms of the plan or by the Act or this Regulation;
- (d) "fully funded" when applied to a pension plan, means a pension plan that at any particular time has assets that will provide for the payment of all pension and other benefits required to be paid under the terms of the plan in respect of service rendered by employees and former employees prior to that time, and has no unpaid initial unfunded liabilities or experience deficiencies;
- (e) "government" means Her Majesty in right of Ontario, an agent of Her Majesty, a municipality as defined in the *Municipal Affairs Act* and a metropolitan municipality and the local boards thereof;
- (f) "initial unfunded liability" means the amount by which, on the 1st day of January, 1965, or the date on which a pension plan qualifies for registration, or subsequently as a result of an amendment or as a result of a change in actuarial assumptions, the assets are required to be augmented to ensure that the plan is fully funded;
- (g) "provisionally funded", when applied to a pension plan, means a pension plan that at any particular time has not assets sufficient to make it fully funded but has made provision for special payments sufficient to liquidate all initial unfunded liabilities or experience deficiencies; and

- (h) "special payment" means a payment or payments made to or under a pension plan for the purpose of liquidating an initial unfunded liability or experience deficiency in accordance with section 2. R.R.O. 1970, Reg. 654, s. 1; O. Reg. 1005/76, s. 1.

#### 2.—(1) An application for registration of a pension plan shall be in Form 1.

(2) Every pension plan submitted for registration shall include a provision for funding which shall set forth the obligation of the employer to contribute both in respect of the current service cost of the plan and in respect of any initial unfunded liabilities and experience deficiencies. R.R.O. 1970, Reg. 654, s. 2 (1, 2).

#### (3) The employer shall pay currently into any plan or fund providing pensions for his employees,

- (a) all current service costs, including any contributions made by employees;
- (b) where the plan has an initial unfunded liability, special payments consisting of equal annual amounts sufficient to liquidate such initial unfunded liability over a term not exceeding,
  - (i) in the case of an initial unfunded liability existing on the 1st day of January, 1965, in any pension plan established before that date, twenty-five years from that date, and
  - (ii) in the case of any other initial unfunded liability, fifteen years from the date on which the initial unfunded liability arose or the number of years to the anniversary of such date in 1989, whichever is the greater;
- (c) where the plan has an experience deficiency, special payments consisting of equal annual amounts sufficient to liquidate such experience deficiency over a term not exceeding five years from the date on which the experience deficiency was determined. R.R.O. 1970, Reg. 654, s. 2 (3); O. Reg. 1005/76, s. 2 (1, 2).

(4) Notwithstanding subsection (3), where on or after the 1st day of January, 1982, a pension plan is established or amended resulting in the creation of or increase to pension benefits for retired former employees or their beneficiaries, the amount of the special payments required to be paid into the plan by

the employer with respect to the initial unfunded liability created with respect to such pension benefits shall be at least the greater of,

- (a) the special payments determined in accordance with subsection (3); or
- (b) equal annual amounts equal to the initial annual rate of payment of the benefits created until such unfunded liability is liquidated. O. Reg. 791/80, s. 1, *part.*

(5) An employer shall pay into a plan,

- (a) all sums received by the employer from an employee or deducted from an employee's pay as the employee's contribution to the pension plan, within the calendar month following the month the sum was received or deducted; and
- (b) all other sums required to be paid into the plan by the employer in respect of current service, not later than 120 days after the end of the fiscal year of the plan. O. Reg. 1005/76, s. 2 (3), *part.*

(6) Notwithstanding subsection (5), where a plan is terminated or wound up, an employer shall pay into the plan on the date of such termination or wind up at least a proportionate amount of all current service costs and special payments for the current fiscal year of the plan that have been incurred but are not yet due. O. Reg. 791/80, s. 1, *part.*

(7) The minimum amount of a special payment required to be paid in a fiscal year of a plan with respect to each initial unfunded liability or experience deficiency shall be the annual amount required to liquidate the outstanding balance of each initial unfunded liability or experience deficiency during the balance of the period originally applicable thereto under subsection (3). O. Reg. 452/73, s. 1 (1).

(8) An employer may pay into the plan in advance of the fiscal year in which a special payment is due, an amount which would reduce or liquidate any special payment required to be paid into the plan in the three fiscal years of the plan following the payment.

(9) Where an employer has paid an amount in accordance with subsection (8), the reduction of a future special payment or the omission of payment of a future special payment shall occur within the three fiscal years of the plan following the payment. O. Reg. 21/76, s. 1.

(10) Notwithstanding the terms of a pension plan where additional pension benefits are created on or after the 1st day of January, 1965 with respect to service prior to the date of an amendment to the pension plan or the establishment of the pension plan and such additional pension benefits are being funded by means of special payments, the adminis-

trator of the pension plan shall not, after the 1st day of January, 1969, transfer or withdraw funds from the pension fund to purchase annuities for retired, retiring or terminating members or other beneficiaries with respect to such additional pension benefits except to the extent that the aggregate amount of such funds transferred or withdrawn from the pension fund does not exceed the aggregate of the special payments made and the accruals thereon in respect of such additional pension benefits plus any surplus in the fund. R.R.O. 1970, Reg. 654, s. 2 (6).

(11) Where an employer is required to make special payments into a pension plan, the employer shall pay such special payments into the plan not later than thirty days after the end of the fiscal year for which the special payments are applicable. O. Reg. 1005/76, s. 2 (3), *part.*

(12) Where an insured pension plan established before the 1st day of January, 1965 is funded by level premiums to retirement age for each individual member, it shall be deemed to meet the requirements of subclause (3) (b) (i). R.R.O. 1970, Reg. 654, s. 2 (9).

(13) Where a plan has an initial unfunded liability or an experience deficiency and the requirements with respect to special payments under this Regulation differ from those under the legislation of any designated province or of the Government of Canada to which the plan is also subject, the Commission may permit an appropriate variation from the requirements of this section with respect to the funding required. O. Reg. 1005/76, s. 2 (3), *part.*

(14) Unless otherwise provided in the plan, the fiscal year of a pension plan shall be deemed to be from the 1st day of January to the 31st day of December and, except on such basis as may be approved by the Commission, no fiscal year of a pension plan shall exceed twelve months. R.R.O. 1970, Reg. 654, s. 2 (11).

(15) Where the report of a person authorized by section 8 discloses a gain under the plan, the amount of the gain may be applied to reduce any future payments for current service, or subject to subsection (5), to reduce the outstanding balance of any initial unfunded liability or experience deficiency. O. Reg. 1005/76, s. 2 (3), *part.*

(16) Where a pension plan is administered for the employees of a government, the special payments in respect of an initial unfunded liability existing on the 1st day of January, 1965 may be limited to the annual amount required to prevent any increase in such liability. R.R.O. 1970, Reg. 654, s. 2 (13).

3.—(1) In this section "escalated adjustment" means an adjustment made after the retirement or termination of a member of a plan to a pension benefit to be paid to the retired or terminated

member of the pension plan, which adjustment is not capable of being determined with certainty at the time the plan or an amendment thereto is submitted for registration because the adjustment is related to changes in a general price or wage index.

(2) Where a pension plan provides for escalated adjustments, the estimated future cost of the escalated adjustments may be excluded from the funding requirements of subsection 2 (3) with respect to any current service costs and the amortization of any initial unfunded liability.

(3) Where payments to a retired or terminated member of a pension plan resulting from an escalated adjustment have been made from the funds of the plan, such amounts, to the extent that they have not been prefunded, shall be deemed to be current service costs.

(4) Where a plan provides for an escalated adjustment, the person completing the report required by section 4 or 5 shall certify whether and to what extent,

(a) liability for the future cost of the adjustment has been included in the determination of any initial unfunded liability or experience deficiency; or

(b) the cost for the escalated adjustment is included only in the current service cost under subsection (3).

(5) For the purposes of the report required by section 4 or 5, factors attributable to an escalated adjustment may be excluded in determining the existence or amount of any initial unfunded liability or experience deficiency.

(6) A pension plan which provides for an escalated adjustment shall be deemed not to be fully funded where the funding of payments resulting from escalated adjustments is provided in accordance with subsections (2) and (3), but the plan, provided it meets the other necessary requirements, shall be deemed to be provisionally funded. O. Reg. 714/75, s. 1.

4.—(1) Within sixty days after the date of establishment of the plan the employer shall submit a report of the person authorized by section 8 certifying,

(a) the estimated cost of benefits in respect of service in the first year during which such plan is registered and the rule for computing such cost in subsequent years up to the date of the next report;

(b) the initial unfunded liability, if any, for benefits under the pension plan as at the date on which the plan qualified for registration; and

(c) the special payments required to liquidate such initial unfunded liability in accordance with section 2.

(2) Where an insured pension plan is funded by level premiums extending not beyond the retirement age for each individual member, the report may certify the adequacy of the premiums to provide for the payment of all benefits under the plan in lieu of the matters required to be certified under clauses (1) (a), (b) and (c). R.R.O. 1970, Reg. 654, s. 3.

5.—(1) The employer in respect of a registered pension plan shall cause the plan to be reviewed and a report prepared by a person authorized by section 8 not more than three years after the date of the establishment of the plan and at intervals of not more than three years thereafter. R.R.O. 1970, Reg. 654, s. 4 (1).

(2) The report shall certify,

(a) the estimated cost of benefits in respect of service in the next succeeding year and the rule for computing such cost in subsequent years up to the date of the next report;

(b) the gain or the experience deficiency in the pension plan arising as a result of differences between actual experience and the experience anticipated by the assumptions made in the last report, and where there is an experience deficiency, the special payments that will liquidate it over a term not exceeding five years;

(c) the gain or initial unfunded liability in the pension plan resulting from a change in actuarial methods or assumptions, and where there is an initial unfunded liability, the special payments that will liquidate it over a term not exceeding fifteen years; and

(d) the initial unfunded liability resulting from an amendment to the pension plan and the special payments which will liquidate it over a term not exceeding fifteen years. R.R.O. 1970, Reg. 654, s. 4 (2); O. Reg. 1005/76, s. 3 (1).

(3) The employer shall file the report with the Commission within one year of the review date established for the report referred to in subsection (1), or within such longer period as may be authorized by the Commission in exceptional circumstances, with such additional information as the Commission requires. O. Reg. 1005/76, s. 3 (2), *part*.

6.—(1) In this section,

(a) "funded ratio" means the ratio of assets of a pension plan to the liabilities of the plan as determined from a test valuation;

- (b) "target ratio" when applied to a pension plan, is the funded ratio at the last valuation date of the plan, increased by 1/15th of the unfunded ratio at that date for each year between the last valuation date and the current valuation date;
  - (c) "test valuation" means an actuarial valuation of a pension plan on the accrued benefit method to determine the value at a particular time of all pension and other benefits required to be paid under the terms of the plan in respect of services rendered by employees and former employees to that time, performed in accordance with this section;
  - (d) "unfunded ratio" means the ratio determined by subtracting the funded ratio from 1.00.
- (2) Where the report of an actuary is required under section 4, 5 or 12, the actuary may determine the experience deficiency of the plan by performing a test valuation in addition to the regular valuation.
- (3) In making a test valuation, the actuary shall determine the amount of the accrued pensions, the other accrued benefits and the pensions and other benefits in payment in a manner consistent with the terms of the plan and the actuary shall employ assumptions consistent with a regular valuation provided that,
- (a) the effect of any amendment to the pension plan since the last valuation date shall not be considered in making the test valuation but shall be included in any subsequent test valuation;
  - (b) the rate of interest assumed shall not exceed 6 per cent;
  - (c) no withdrawal from service shall be assumed other than by death, disability or retirement;
  - (d) where pension benefits are based on final earnings or the best average earnings within a limited number of years, the earnings for the test valuation shall not be less than the current earnings at the valuation date;
  - (e) where the pension benefits are integrated with pensions payable under the *Old Age Security Act* (Canada), the Canada Pension Plan or the Quebec Pension Plan, the accrued pension benefits under such plans shall be determined on a basis acceptable to the Commission without regard to future increases to such federal or provincial pensions;
  - (f) where employee contributions are required by the plan or permitted on a voluntary basis, the value of the regular and voluntary benefits held with respect to an employee shall not be less than the value of his own contributions together with interest thereon at a rate appropriate to the plan; and
  - (g) the assets of the plan shall be valued on a basis consistent with the regular valuation and on a basis acceptable to the Commission.
- (4) Where the funded ratio of a plan is equal to or greater than 1.00, it is deemed that no experience deficiency exists.
- (5) Where the funded ratio is less than 1.00 the experience deficiency is deemed to be the amount if any by which the assets of the pension plan need to be augmented in order that the funded ratio would equal the target ratio.
- (6) In determining the target ratio, the actuary shall determine the funded ratio at the last valuation date, recomputed if necessary to indicate the effect of any amendment not considered pursuant to clause (3) (a), and,
- (a) where the funded ratio at the last valuation date is greater than 1.00 reduce the funded ratio to 1.00;
  - (b) where the funded ratio at the last valuation date is less than 1.00 determine the unfunded ratio; and
  - (c) determine the target ratio.
- (7) Where an actuary performs a test valuation, the amount by which an experience deficiency determined under a regular valuation exceeds an experience deficiency determined under a test valuation, shall be deemed to be an initial unfunded liability which shall be liquidated by special payments over a term not exceeding fifteen years.
- (8) Where there is a change in the actuarial assumptions of a test valuation or in the method of valuing the assets of the plan since the last report filed with the Commission, the actuary shall demonstrate whether or not an experience deficiency exists on the previous assumptions. O. Reg. 1005/76, s. 4, *part*.
- 7.—(1) The report of an actuary filed with the Commission under section 4, 5 or 12 shall be prepared using assumptions that are appropriate for the plan and methods consistent with the sound principles established by precedents or common usage within the actuarial profession.
- (2) A test valuation under section 6 shall, subject to the restrictions set out therein, meet the requirements of subsection (1).

(3) Where the Commission is not satisfied that a report has been prepared in accordance with this section, the report shall be amended so as to be acceptable to the Commission. O. Reg. 1005/76, s. 4, *part*.

8. The reports and certificates referred to in sections 4 and 5 and subsection 12 (2) shall be made by an actuary, except that reports and certificates in respect of,

- (a) a pension plan under which all benefits are determined on a money purchase basis and purchased from an insurer on or before retirement;
- (b) a pension plan underwritten by a contract or contracts with an insurance company, other than such a contract operating on a deposit administration or segregated fund principle;
- (c) a pension plan underwritten by a contract or contracts issued under the *Government Annuities Act* (Canada); or
- (d) a pension plan under which the solvency does not in the opinion of the Commission substantially depend on actuarial probabilities,

may be made by an accountant or a person authorized by the insurance company or by the trust company, or by the Annuities Branch, Department of Labour (Canada) administering the plan. R.R.O. 1970, Reg. 654, s. 5.

9.—(1) The annual information return required under subsection 17 (4) of the Act shall be in Form 2 and shall be furnished by the employer to the Commission annually not later than six months following the end of the fiscal year of the pension plan.

(2) The employer shall certify in Form 2 that all contributions required with respect to the fiscal year have been paid into the pension plan. R.R.O. 1970, Reg. 654, s. 6.

10. Every pension plan shall be deemed to be solvent if it is fully funded or provisionally funded. R.R.O. 1970, Reg. 654, s. 7.

11.—(1) Upon application for registration of a pension plan under subsection 17 (1) or (2) of the Act, or upon the filing of an annual information return under subsection 17 (4) of the Act, a fee of \$1.50 shall be paid in respect of each member of the pension plan in Ontario and in respect of each member of the pension plan in a designated province reported to be on the pay-roll of the employer, but the total fee payable shall be not less than \$7.50 and not more than \$300.00.

(2) Where the Commission administers a pension plan under an agreement made with the Government of Canada under subsection 10 (2) of the Act, upon

application for registration of the plan under subsection 17 (1) or (2) of the Act or upon the filing of an annual information return as required by subsection 17 (4) of the Act, a fee of \$1.50 shall be paid in respect of each member of the plan, but the total fee payable shall be not less than \$7.50 and not more than \$300.00. O. Reg. 187/78, s. 1.

12.—(1) Every pension plan filed with the Commission for registration shall be accompanied by a certified copy of the trust deed, insurance contract, by-law, collective agreement on pensions or other documents under which such plan is constituted. R.R.O. 1970, Reg. 654, s. 9 (1).

(2) Where a registered pension plan or a relevant portion of any document under which the plan is constituted is amended, the employer shall immediately file with the Commission a copy of the amendment and such additional information as the Commission requires to determine if the plan as amended continues to qualify for registration, and in the case of an amendment that affects contributions or creates or changes an initial unfunded liability, the employer shall also file with the Commission a report similar to the report required by subsection 5 (2). O. Reg. 1005/76, s. 5.

(3) The Commission may, at any time upon reasonable notice, require an employer to obtain and file such special reports as the Commission requires.

(4) Where the Commission does not accept a plan for registration or cancels a certificate of registration, the Commission shall state the reasons for rejection or cancellation in the notice sent to the employer under section 19 of the Act. R.R.O. 1970, Reg. 654, s. 9 (3, 4).

13.—(1) Every pension plan shall define the benefits provided by the plan, the method of determination and the payment of benefits, conditions for qualification for membership in the plan and the financial arrangements made to ensure provisional or full funding of benefits under the plan.

(2) The formula for the pension benefit for each year of future service shall be uniform, except to the extent that the Commission approves such increments in the formula as it considers reasonable. R.R.O. 1970, Reg. 654, s. 10.

14.—(1) Upon the termination or winding up of a pension plan, the administrator of the plan shall file with the Commission a report prepared by a person authorized by section 8, setting out the nature of the benefits to be provided under the plan and a description of the methods of allocation and the priorities for determining the full or partial benefits of the members thereof.

(2) Where a pension plan is terminated or wound up, all funds held for the purpose of providing pension benefits and any other benefits provided under the plan shall continue to be subject to the requirements of this Regulation.

(3) No assets of the plan shall be applied toward the provision of any benefits until the Commission has approved the report referred to in subsection (1) except that the administrator of the plan may pay as they fall due any periodic payments to persons entitled thereto and may pay any refunds of the employee contributions to persons entitled thereto.

(4) Notwithstanding the terms of the plan, where a pension plan is terminated or wound up, no part of the assets of the plan shall revert to the benefit of the employer unless,

- (a) provision has been made for payment of all pension benefits and other benefits under the terms of the plan to employees, former employees, pensioners, dependants and estates;
- (b) in calculating benefits for the purposes of clause (a), all benefits provided to members of the plan in respect of service shall be treated as fully vested as of the date of termination or winding up without regard to age or service conditions for vesting under the terms of the plan;
- (c) where proceedings for termination or winding up of the plan are commenced on or after the 1st day of January, 1982, the pension plan provides for such reversion to the employer.

(5) For the purposes of subsection 20 (9) of the Act, the person preparing the report required under subsection (1) shall reduce the amounts of the additional pension benefits to which a person may otherwise be entitled to such extent as will in his opinion prevent unfair impairment of the other pension benefits accrued under the plan, provided that the aggregate value of any additional pension benefits already paid or proposed to be paid after such reduction shall be not less than the value, as estimated by the person preparing the report, of special payments made in respect of such additional pension benefits.

(6) Where a pension plan is terminated or wound up in whole or in part, the rights and interests of the employees and former employees thereby affected shall be not less than those to which such employees and former employees would have been entitled if the whole of the pension plan had been terminated or wound up on the same date as such partial termination or winding up.

(7) Where a pension plan is terminated or wound up in whole or in part, any escalated adjustment as defined in section 3 to which a member or a former member of the plan affected by the termination or winding up is entitled, whether such escalated adjustment is currently being paid or has not commenced, shall, to the extent that it has not been prefunded, not adversely affect any pension benefit or other benefit provided under the plan which is terminated or wound up.

(8) Except as provided in subsection (9), suspension or cessation of employer contributions to a pension

plan or the cancellation of a certificate or registration of a pension plan shall be construed as a termination of the plan.

(9) Where employer contributions to a pension plan cease on or after the 1st day of January, 1965, as the result of the adoption of a new plan, the original pension plan shall be deemed not to have been terminated or wound up under this section or under subsection 20 (7) of the Act and the benefits of the original plan shall be deemed to be benefits associated with the new plan in whole or in part in respect of service prior to the establishment of the new plan, whether or not the assets and liabilities of the original plan have been consolidated with those of the new plan. O. Reg. 791/80, s. 2.

15.—(1) The commuted value of a deferred life annuity shall be calculated in a manner acceptable to the Commission.

(2) Where a plan is insured by individual level premium contracts, the deferred life annuity referred to in clause 20 (1) (a) of the Act may, in the case of a contract issued prior to the qualification date, be equal to the paid-up annuity under the contract arising from contributions made for service on and after the qualification date if the special payments required with respect to such deferred life annuity under the contract have all been paid or shall continue to be paid. R.R.O. 1970, Reg. 654, s. 12.

16.—(1) In this section “bridging supplement” means a periodic payment made to a member of a plan on his retirement, that,

(a) will supplement the income of the member between the date of his retirement and the commencement of payment of benefits to the member under the terms of the *Old Age Security Act* (Canada), the *Canada Pension Plan* and the *Quebec Pension Plan*, as the case may be; and

(b) will terminate in whole or in part upon the commencement of payment of benefits to the member under the plans referred to in clause (a).

(2) Where a pension plan provides for a bridging supplement and the Commission is satisfied that no significant portion thereof constitutes a life annuity, the bridging supplement may, with the approval of the Commission, be excluded in computing the pension benefit under subsection 20 (1) of the Act.

(3) Where a request for Commission approval for exclusion of a periodic payment from the requirements of subsection 20 (1) of the Act is made and the Commission is satisfied that only a portion of such periodic payment is a bridging supplement, the Commission may approve the exclusion of that portion of the periodic payment that is a bridging supplement.

(4) Where the approval of the Commission has heretofore been given for the exclusion of a supplemental or minimum make-up annuity in computing a pension benefit under subsection 20 (1) of the Act, the pension plan for which such approval has been given shall on and after the 1st day of January, 1980 conform to subsection 20 (1) of the Act, but where the annuity or any part of such annuity is a bridging supplement, it may, with the approval of the Commission, be excluded in computing the pension benefit under subsection 20 (1) of the Act. O. Reg. 1/77, s. 1.

17.—(1) This section applies notwithstanding the provisions of any pension plan or any instrument governing the plan. R.R.O. 1970, Reg. 654, s. 14 (1).

(2) The funds of a pension plan may be invested and loaned only in investments and loans in which an insurance company governed by the *Canadian and British Insurance Companies Act* (Canada) may invest or lend its funds under subsections 63 (1), (2), (5), (6) and (10) of that Act, as amended from time to time, or under section 108 or 109 of the *Loan Companies Act* (Canada), as amended from time to time, subject to the restrictions and limitations contained in the said sections, or in which an insurance company governed by the *Insurance Act* may invest or lend its funds under section 25 of the *Loan and Trust Corporations Act*, as amended from time to time. O. Reg. 387/74, s. 1.

(3) Where a pension fund owns securities of a corporation and as a result of a *bona fide* arrangement for the reorganization or liquidation of the corporation or for the amalgamation of the corporation with another corporation, such securities are to be exchanged for bonds, debentures or other evidences of indebtedness, or shares not eligible as investments under subsection (2), the pension fund may accept and hold such bonds, debentures or other evidences of indebtedness or shares. R.R.O. 1970, Reg. 654, s. 14 (3).

(4) The funds of a pension plan may be invested or loaned in investments or loans not authorized by subsection (2) or (3), including investments in real estate or leaseholds, subject to the following provisions:

1. Investment in real estate or leaseholds under this subsection shall be made in Canada and may be made either alone, jointly with another plan or jointly with any corporation and the fund or plan may hold, maintain, improve, develop, repair, lease, sell or otherwise deal with or dispose of such real estate or leaseholds, but the total investment of a fund under this subsection in any one parcel of real estate or in any one leasehold shall not exceed 2 per cent of the book value of the total assets of the fund.
2. This subsection shall be deemed not to enlarge the authority conferred by subsections 63 (1) and (2) of the *Canadian*

*and British Insurance Companies Act* (Canada) to invest in mortgages, hypothecs or in any one parcel of real estate or in any one leasehold, or to lend on the security of real estate or leaseholds, and not to affect the operation of subparagraphs 63 (1) (m) (iii), (iv) and (vii) of the said Act.

3. The total book value of the investments and loans made under this subsection and held by the fund, excluding those that are or at any time since acquisition have been authorized as investments apart from this subsection, shall not exceed,

- i. in the case of investments in real estate or leaseholds, other than for the production of income, 2 per cent of the book value of the total assets of the fund,
- ii. in the case of investments in real estate or leaseholds, including real estate or leaseholds other than for the production of income, 7 per cent of the book value of the total assets of the fund, and
- iii. in the case of investments and loans, other than investments in real estate or leaseholds, 7 per cent of the book value of the total assets of the fund. O. Reg. 308/78, s. 1.

(5) The funds of a pension plan shall not be lent to,

- (a) the wife or a child of the employer or, where the employer is a corporation, a director or officer of the corporation or his wife or child;
- (b) a corporation of which more than one-half of the shares of the capital stock are owned by the wife or a child of the employer, or any combination thereof, or, where the employer is a corporation, by a director or officer of the employer corporation or his wife or child, or any combination thereof;
- (c) an officer or employee of the fund or plan or an administrator or trustee of the fund or plan or an officer or employee of an administrator or trustee of the fund or plan or a union representing employees of the employer or an officer or employee of the union, or the wife or child of any of them; or
- (d) the wife or child of an employee of the employer or an employee of the employer except on the security of a mortgage on the residential property of an employer's employee or the spouse or child of such em-

ployee primarily for his or her own use.  
R.R.O. 1970, Reg. 654, s. 14 (4, 5).

(6) The funds of a pension plan shall not be invested or loaned if the result of the investing or loaning would be that more than 10 per cent of the book value of the total assets of the fund are invested in the assets of or loaned to any one corporation, partnership, association or person, including investment in shares, bonds, debentures or other evidences of indebtedness, loans by way of mortgage or otherwise and investment in real estate, plant or equipment occupied or used by the corporation, partnership, association or person but this limitation does not apply to investment of funds of a pension plan in bonds or debentures issued or guaranteed by the Government of Canada or a province of Canada. O. Reg. 164/79, s. 1.

(7) All investments and deposits of the funds of a pension plan and all loans made out of a pension fund shall be made in the name of the fund or plan, and no officer or employee of the fund or plan, no trustee or administrator or officer or employee thereof, no employer, officer or employee thereof, no association of employees and no union, officer or employee thereof shall accept or be the beneficiary of, either directly or indirectly, any fee, brokerage, commission, gift or other consideration for or on account of any loan, deposit, purchase, sale, payment or exchange made by or on behalf of the pension fund.

(8) In addition to the investments and loans authorized by subsections (2) and (3), the funds of a pension plan may be invested in,

- (a) a pooled, segregated or mutual fund; or
- (b) the shares of a corporation,
  - (i) whose assets are at least 98 per cent cash, investments and loans,
  - (ii) that does not issue debt obligations, and
  - (iii) that obtains at least 98 per cent of its income from investments and loans,

if the pooled, segregated or mutual fund or the corporation is limited in its investments to those a pension plan may make under this section and is subject to the limitations and restrictions of this section.

(9) Where the funds of a pension plan are invested in accordance with subsection (8), subsection (6) does not apply to such funds.

(10) A pension fund or plan may take additional securities of any nature further to secure the repayment to the fund of any loan or investment, or further to secure the sufficiency of any of the securities in or upon which such fund or plan is authorized to invest or lend any of its funds. R.R.O. 1970, Reg. 654, s. 14 (7-10).

(11) Where the provisions of this section differ from the corresponding provisions under the legislation of a designated province, the Commission may, in the case of a plan having plan members in such designated province, accept in whole or in part such corresponding provisions. R.R.O. 1970, Reg. 654, s. 14 (12).

18. A profit-sharing plan that has been accepted for registration by the Minister of National Revenue for Canada before the 1st day of January, 1965 under the *Income Tax Act* (Canada) and that provided at the time of such acceptance that each member may take his entire interest in the plan in a cash sum when he ceases to be an employee whether by retirement or other termination of employment may, with the approval of the Commission, be excepted from the Act and the regulations. R.R.O. 1970, Reg. 654, s. 15.

19.—(1) A transfer of a pension benefit credit arising from a deferred life annuity under section 20 of the Act to the administrator, insurer or trustee of another pension plan, to an insurer or to a registered retirement savings plan may be made upon,

- (a) the termination of employment of an employee; or
- (b) the termination or winding up of a pension plan,

and the transfer may be made only where the transferee agrees to administer the amount of deferred life annuity established by the pension benefit credit transferred as a deferred life annuity under the Act. O. Reg. 308/78, s. 2.

(2) Except to the extent permitted by subsection 20 (4) of the Act, no policy or contract or benefit description issued by a transferee mentioned in subsection (1) to an employee shall contain any cash or loans or assignment clause. R.R.O. 1970, Reg. 654, s. 16 (2).

20. For the purposes of subsection 20 (5) of the Act, mental or physical disability means a disability that is likely to shorten considerably the life expectancy of an employee or former employee. R.R.O. 1970, Reg. 654, s. 17.

21.—(1) Where the funds of a pension plan are not administered by a government, they shall be administered under the *Government Annuities Act* (Canada) or by a life insurance company, a corporate trustee, individual trustees or a society established under the *Pension Fund Societies Act* (Canada).

(2) Except as provided in section 14, no funds shall be paid out of a pension plan to an employer unless consent of the Commission is obtained. R.R.O. 1970, Reg. 654, s. 18.

22. Where a plurality of the members of a pension plan is employed in a designated province, such plan may be excepted, subject to agreement with the

designated province, from registration, audit and inspection under the Act, and for the purpose of ascertaining where the plurality of the members is employed, members not employed in Ontario or a designated province shall not be counted. R.R.O. 1970, Reg. 654, s. 19.

23. The following provinces and territories of Canada are designated as provinces or territories, as the case may be, in which there is in force legislation substantially similar to the Act:

- 1. The Province of Alberta.
- 2. The Province of Quebec.
- 3. The Northwest Territories and Yukon Territory.
- 4. The Province of Saskatchewan.
- 5. The Province of Manitoba.
- 6. The Province of Nova Scotia. R.R.O. 1970, Reg. 654, s. 20; O. Reg. 748/76, s. 1; O. Reg. 131/77, s. 1.

24. The following pension plans are exempted from the application of the Act and the regulations:

1. Pension plans under which annual retirement allowances are granted or purportedly granted under section 100 of the *Municipal Act* or section 157 of the *Education Act*. R.R.O. 1970, Reg. 654, s. 21.

25. Where a pension plan provides that a pension benefit payable under the plan may be reduced by an amount determined by reference to entitlements under the *Canada Pension Plan*, the *Old Age Security Act* (Canada) or the *Quebec Pension Plan*, no increase to an entitlement related to an increase in a wage or price index or an adjustment attributable to an increase in the cost of living made on or after,

- (a) where the pension benefit was being paid on the 14th day of September, 1976, the 15th day of September, 1976;
- (b) in the case of payment of death benefits upon the death of a member prior to retirement, the date of death of the member; or
- (c) in the case of payment of pension benefits, the date of termination of employment or retirement under the plan, as the case may be,

shall be included in any such reduction. O. Reg. 748/76, s. 2.

Form 1

Pension Benefits Act

APPLICATION FOR REGISTRATION OF A PENSION PLAN

Return Original Keep Copy  
(PLEASE TYPE OR PRINT)

FOR COMMISSION USE ONLY		
C	/	/
RA	/	/

Application is made to the  
Pension Commission of Ontario for registration of  
a Pension Plan, details of which are entered below.

- 1. Employer's Name: \_\_\_\_\_
- 2. Mailing Address: \_\_\_\_\_
- 3. Postal Code: \_\_\_\_\_
- 4. Name or Title of plan: \_\_\_\_\_
- 5. Effective date of plan: \_\_\_\_\_

DAY

MONTH

YEAR

6. Year-end of plan.

DAY

MONTH

7. Plan Membership at effective date:

Male

Female

Total

Ontario

Newfoundland

Prince Edward Island

Nova Scotia

New Brunswick

Quebec

Manitoba

Saskatchewan

Alberta

British Columbia

Yukon

Northwest Territories

Outside Canada

Total:

8 Registration fee payable (see information sheet):

\$

FOR COMMISSION USE ONLY

— Form signed

— Fee attached

— No plan documents received

— Additional fee needed

\$

— Refund issued

\$

Verified by:

09006 (8/79)

ID-6002

9. Policy, contract or trust agreement number, if any:

10. Name and address of insurance company, if any:

11. Name(s) and address(es) of corporate trustee or individual trustees, if any:

12. Name and address of investment counsel, if any:

13. Name and address of administrator or actuarial consulting firm, if any:

14. Nature of employer's business (check the most appropriate box only):

- ☐ Agriculture, Forestry, Fishing
- ☐ Mines, Quarries, Oil Wells
- ☐ Construction
- ☐ Manufacturing (specify product) \_\_\_\_\_
- ☐ Education and Services (specify service) \_\_\_\_\_
- ☐ Trade, Wholesale and Retail (specify product) \_\_\_\_\_
- ☐ Other (specify) \_\_\_\_\_
- ☐ Finance and Insurance
- ☐ Transport and Communications
- ☐ Government

15. Type of employer organization (check the most appropriate box only):

- ☐ Corporation (other than Crown)
- ☐ Sole proprietorship
- ☐ Partnership
- ☐ Multi-employer
- ☐ Other (specify) \_\_\_\_\_
- ☐ Registered association
- ☐ Municipal government or agency
- ☐ Provincial government or agency
- ☐ Federal government or agency

16. Subsidiary or associated companies participating in the plan:

- ☐ Not applicable
- ☐ Name and address list attached (use "Remarks" area in section 18 if desired)

17. Details of any other pension plan(s) superseded in whole or in part by this plan:

- ☐ Not applicable
- ☐ Additional information attached (use "Remarks" in area in section 18 if desired)

18. Please use this section for any additional remarks

19. Declaration:

The registration fee, and all documents relating to the establishment of this plan, together with all amendments already made and any collective bargaining agreements, are attached.

I certify that the information contained in this Application is true and correct to the best of my knowledge and belief.

Signature (see information sheet): \_\_\_\_\_

Name (printed): \_\_\_\_\_

Date: \_\_\_\_\_ Title or Position: \_\_\_\_\_

Form 2

Pension Benefits Act

ANNUAL INFORMATION RETURN

Return Original Keep Copy  
(PLEASE TYPE OR PRINT)

0	15	18	25	27
01				

Mailing Name/Address:

FOR COMMISSION USE ONLY

— Fee attached — Keypunched

— Additional fee needed \$

— Refund issued \$

Verified by: Revenue validation:

**A** Pension Plan being reviewed:

**B** Period under review: From DAY MO. YEAR DAY MO. YEAR

Form improperly signed ☐

Fee paid Dollars Cents

PLEASE COMPLETE ALL SECTIONS BELOW

Describe any changes to the mailing name or address shown above None ☐

**1**

Employer Name 15 17 56  
02

Employer Name 15 17 56  
03

In care of Name / Internal Address / Department or Section

Address 15 17 56  
04

Street/Box No Street Name Unit

Address 15 17 56  
05

City or Town Province or State Canadian Postal Code

Address 15 17 56  
06

Describe any changes to the plan reference in Box "A" None ☐

**2**

Plan reference 15 17 56  
07

Plan reference 15 17 56  
08

Show any changes to the period stated in Box "B" Enter Numbers New period From 15 17 Day Month Year 22 To 23 Day Month Year 28 None ☐

**3**

09

Membership last declared

Enter plan membership at end of period being reported.

	Male		Female	
Ontario	29	+	36	=
Newfoundland	43	+	50	=
Prince Edward Island	15 17 10	+	24	=
Nova Scotia	31	+	38	=
New Brunswick	45	+	52	=
Quebec	59	+	66	=
Manitoba	15 17 11	+	24	=
Saskatchewan	31	+	38	=
Alberta	45	+	52	=
British Columbia	59	+	66	=
Yukon	15 17 12	+	24	=
Northwest Territories	31	+	38	=
Outside Canada	45	+	52	=
Totals:				

Grand Total

\$

5 Calculate filing fee payable (see information sheet).

Has the year-end of the plan been changed?

6

☐ No

☐ Yes. The new year-end, in number format is

Day

Month

50

Should this plan's files with the Commission be closed for any reason?

7

☐ No

☐ Yes. If "Yes" please provide the date at which the plan should be closed, a brief explanation why the plan is being closed, and if possible, appropriate details about any superseding pension plan.

Enter the amounts paid into the plan with respect to the period being reported:		Dollars	Cents
8	(a) Employee required contributions, if any:	15 13	17 27
	(b) Employee voluntary contributions, if any:	29	39
	(c) Employer payments for current service, if any:	\$	C
	(d) Credits or surplus, if any, used to reduce employer current service payments:	\$	C
	(e) Total of amounts in (c) & (d):	41	51
	(f) Employer payments, if any, for unfunded liabilities:	\$	C
	(g) Employer payments, if any, for experience deficiencies:	\$	C
	(h) Total of amounts in (f) & (g):	53	63

9 Please use this section for any additional remarks.

**10 Declaration:**

The filing fee is attached.

I certify that to the best of my knowledge and belief,

- (a) The amounts entered under section No. 8 above have been determined in accordance with the last cost certificate or actuarial report filed with the Commission;
- (b) The amounts entered under section No. 8 above have been paid into the plan;
- (c) Both the plan and the investment of the plan's assets have been administered in accordance with the Pension Benefits Act of Ontario and the Regulation under that Act; and
- (d) The details contained in this form are true and correct.

Signature

(see information sheet):

Name (printed):

Date:

03002 (8/79)

Title or Position:

ID-8001

## REGULATION 747

under the Personal Property Security Act

### BRANCH OFFICES

1. The following places are designated as locations of the branch offices of the registration system.

O. Reg. 207/72, s. 1, *revised*.

1. Barrie
2. Bellville
3. Bracebridge
4. Brampton
5. Brantford
6. Brockville
7. Cayuga
8. Chatham
9. Cobourg
10. Cochrane
11. Cornwall
12. Fort Frances
13. Goderich
14. Gore Bay
15. Guelph
16. Haileybury
17. Hamilton
18. Kenora
19. Kingston
20. Kitchener
21. Lindsay

22. London
23. L'Orignal
24. Milton
25. Napanee
26. North Bay
27. Orangeville
28. Ottawa
29. Owen Sound
30. Parry Sound
31. Pembroke
32. Perth
33. Peterborough
34. Picton
35. Thunder Bay
36. St. Catharines
37. St. Thomas
38. Sarnia
39. Sault Ste. Marie
40. Simcoe
41. Stratford
42. Sudbury
43. Toronto
44. Walkerton
45. Welland
46. Whitby
47. Windsor
48. Woodstock

O. Reg. 207/72, Sched.



REGULATION 748

under the Personal Property Security Act

FEES CONCERNING SECURITY DOCUMENTS

1. In this Regulation,

(a) "document" means a chattel mortgage registered under *The Bills of Sale and Chattel Mortgages Act*, being chapter 45 of the Revised Statutes of Ontario, 1970, a contract registered under *The Conditional Sales Act*, being chapter 76 of the Revised Statutes of Ontario, 1970 or an assignment of book debts registered under *The Assignment of Books Debts Act*, being chapter 33 of the Revised Statutes of Ontario, 1970;

(b) "statement" means a financing statement, financing change statement or financing change statement amendment. O. Reg. 117/76, s. 1, revised.

2. The fees to be paid in respect of the following matters are:

1. For registration of a statement ..... \$4.00

2. For a search..... \$ 2.00

3. For a registrar's certificate..... 10.00

4. For production of a document for inspection (including production of the branch office copy of the statement relating thereto)..... .25

5. For a copy of a document and statement relating thereto for each page required (including production of the document). .50

6. For production of the central office copy of a statement for inspection.... 5.00

7. For a copy of the central office copy of a statement (not including production of the statement)..... 1.00

8. For certifying a copy to which item 6 or 7 applies..... .50

O. Reg. 117/76, s. 2; O. Reg. 578/79, s. 1.



## REGULATION 749

### under the Personal Property Security Act

#### GENERAL

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "artificial body" includes a partnership, corporation, association, organization, estate of a deceased natural person, trade union, church or other religious organization, syndicate, joint venture, trust or trustee in bankruptcy, but does not include a natural person;
- (b) "authorized signature of the secured party" means the name of the secured party, typed, printed or stamped, and
  - (i) the signature of the secured party, or
  - (ii) the signature of a person with actual, implied or apparent authority to sign on behalf of the secured party together with the typed, printed or stamped name of such person;
- (c) "branch filing office" means a branch office established under the Act;
- (d) "central filing office" means the central office established under the Act;
- (e) "maturity date" or "date of maturity" means the date, excluding days of grace, on which the debt will be fully paid if every payment is made according to the original terms of the security agreement;
- (f) "motor vehicle" means an automobile, motorcycle, motorized snow vehicle and any other vehicle propelled or driven otherwise than by muscular power, but does not include,
  - (i) the cars of electric or steam railways or other vehicles running only upon rails,
  - (ii) a traction engine,
  - (iii) a farm tractor,
  - (iv) a self-propelled implement of husbandry,
  - (v) a road-building machine, or
  - (vi) a craft intended primarily for use in the air or in or upon the water;
- (g) "person" means an artificial body or a natural person;
- (h) "principal amount" means the amount that is secured or is intended to be secured under the original terms of the security agreement and may include interest, pre-calculated interest, carrying charges, insurance premiums or any other cost or charge;
- (i) "registering agent" means the person who is acting as agent for the secured party when submitting a statement for registration but does not include a clerk or other employee of the secured party;
- (j) "specific page of a registration" means in respect of a single page registration, the financing statement or financing change statement that is registered and in respect of a multiple page registration, one of the financing statements or financing change statements that is registered and comprises a page of the multiple page registration;
- (k) "transition filing" means a chattel mortgage registered under *The Bills of Sale and Chattel Mortgages Act*, being chapter 45 of the Revised Statutes of Ontario, 1970, a contract registered under *The Conditional Sales Act*, being chapter 76 of the Revised Statutes of Ontario, 1970 or an assignment of book debts registered under *The Assignment of Book Debts Act*, being chapter 33 of the Revised Statutes of Ontario, 1970, as the case may be, that at the time of registration was not accompanied by a financing statement and,
  - (i) the registration of which has not been renewed, or
  - (ii) the registration of which has been renewed but at the time of registration the renewal statement was not accompanied by a financing statement. O. Reg. 879/75, s. 1, revised.

#### FORM OF STATEMENT AND WHEN REQUIRED

2.—(1) Where the Act requires a statement in the prescribed form to be registered, the form to be used shall be the form of financing statement or financing change statement provided or approved by the registrar.

(2) Each line on which information is to be set out on a financing statement or a financing change statement shall be numbered. O. Reg. 879/75, s. 2.

#### CONTENT OF FINANCING STATEMENT

### 3.—(1) A financing statement,

(a) shall set out,

- (i) the information required under section 14 and, where the name is the name of a natural person, his date of birth and sex,
- (ii) the name and address of the secured party or his assignor,
- (iii) the classification of the collateral as consumer goods, inventory, equipment, book debts or that the classification is other than consumer goods, inventory, equipment or book debts or any combination thereof,
- (iv) whether a motor vehicle is or is not included in the collateral,
- (v) where the collateral is classified as consumer goods, the principal amount,
- (vi) where the collateral is classified as consumer goods, the date of maturity, or where there is no fixed date of maturity, an indication that there is no fixed maturity date, and
- (vii) the authorized signature of the secured party;

(b) may set out the name and address of the registering agent, if any.

(2) Where the collateral includes a motor vehicle and the motor vehicle is,

- (a) classified as consumer goods, the motor vehicle shall; or
- (b) not classified as consumer goods, the motor vehicle may,

be described on line numbered 11 or 12 on the financing statement and the description may include the body style and shall include the last two digits of the model year if any, the make or where there is no make, the name of the manufacturer and the serial number which may include the model number.

(3) Collateral other than collateral described in clause (2) (a) may be described on line number 13, 14

or 15 of the financing statement. O. Reg. 879/75, s. 3.

#### COLLATERAL BROUGHT INTO ONTARIO

4. A financing statement tendered for registration in respect of,

- (a) collateral brought into Ontario that is subject to a security interest in another jurisdiction at the time it is brought into Ontario; or
- (b) goods brought into Ontario that are subject to the seller's right to revendicate or to resume possession of the goods,

shall be designated as a caution filing and shall set out the information required by section 3 except that the date of birth of a natural person need not be set out. O. Reg. 879/75, s. 4.

#### RENEWAL OF A REGISTRATION

5. Where a registration is renewed,

- (a) before the expiration of the registration period, the financing change statement referred to in clause 52 (a) of the Act shall be designated as a renewal, and shall set out the information required by section 17; or
- (b) after the expiration of the registration period, the financing statement referred to in clause 52 (b) of the Act,

(i) in respect of a registration that is a transition filing,

(A) shall set out that the registration is a transition filing on line numbered 13, 14 or 15,

(B) shall set out the information required by section 3, except that the date of birth of a natural person need not be set out, and

(C) may set out the registration number of the chattel mortgage, contract or assignment of book debts, as the case may be, on line numbered 13, 14 or 15, or

(ii) in respect of any filing other than a registration referred to in subclause (i),

(A) shall set out the information required by section 3, and

(B) may set out that the registration is a late renewal on line numbered 13, 14 or 15.  
O. Reg. 879/75, s. 5.

## ASSIGNMENT BY SECURED PARTY

6. Where the assignment by a secured party of his interest is to be recorded, the financing change statement referred to in subsection 48 (1) of the Act shall be designated as an assignment by the secured party and shall set out,

- (a) the information required by section 17;
- (b) the name of the assignor as set out on the statement to which it relates; and
- (c) the name and address of the assignee. O. Reg. 879/75, s. 6.

## TRANSFER OF COLLATERAL

7. Where the transfer by a debtor of his interest in the collateral is to be recorded, the financing change statement referred to in section 49 of the Act shall be designated as a transfer by debtor and shall set out,

- (a) the information required by section 17;
- (b) the name of the transferee in the manner prescribed in section 14;
- (c) where the transferee is a natural person, the sex and date of birth of the person, where known to the secured party; and
- (d) the address of the transferee. O. Reg. 879/75, s. 7.

## DEBTOR NAME CHANGE

8. Where the change of a debtor name is to be recorded, the financing change statement referred to in section 49 of the Act shall be referred to as an amendment and shall set out the information required under clause 13 (c). O. Reg. 879/75, s. 8.

## REGISTRATION OF A DISCHARGE

9. Where the release of collateral or proceeds is to be recorded, the financing change statement referred to in subsection 55 (1) of the Act shall be designated as a discharge and shall set out the information required by section 17. O. Reg. 879/75, s. 9.

10.—(1) Where the partial release of collateral or proceeds is to be recorded, the financing change statement referred to in subsection 55 (1) of the Act shall be designated as a partial discharge, and

- (a) shall set out the information required by section 17;
- (b) where the collateral that is partially released is or includes a motor vehicle

classified as consumer goods, shall set out a description of the motor vehicle; and

- (c) may set out a description of any collateral other than the collateral referred to in clause (b).

(2) Where the released collateral referred to in subsection (1) includes a motor vehicle and the motor vehicle is,

- (a) classified as consumer goods, the motor vehicle shall; or
- (b) not classified as consumer goods, the motor vehicle may,

be described on line numbered 42 of the financing change statement and the description may include the body style and shall include the last two digits of the model year, if any, the make or where there is no make the name of the manufacturer and the serial number which may include the model number.

(3) Collateral other than collateral described in clause (2) (a) may be described on line numbered 43 of the financing change statement. O. Reg. 879/75, s. 10.

## OTHER CHANGE (SUBORDINATION)

11. Where the subordination of the interest of a secured party of record is to be recorded, the financing change statement referred to in section 51 of the Act shall be designated as another change, and shall set out,

- (a) the information required by section 17;
- (b) the type of change as a subordination on line numbered 44; and
- (c) the particulars of the subordination on line numbered 45, 46 or 47. O. Reg. 879/75, s. 11.

## AMENDMENT OF INFORMATION

12. Where a change to the record is to be recorded in respect of,

- (a) an amendment to the security agreement;
- (b) a change in the name or address of the secured party or the address of the debtor; or
- (c) an error or omission of a clerical nature made in the preparation of a statement,

the financing change statement referred to in section 50 of the Act shall be referred to as an amendment and shall set out,

- (d) the information required by section 13;

- (e) the name and address of one of the secured parties or of the registering agent, if any;
- (f) a brief statement of the reasons for the amendment; and
- (g) the authorized signature of the secured party. O. Reg. 879/75, s. 12.

13. The financing change statement referred to in section 12 shall set out,

- (a) where the amendment is to indicate that the financing statement should or should not have been designated as a caution filing,

- (i) the registration number of the financing statement,
  - (ii) the page number as page 01,
  - (iii) one of the names as prescribed by section 14, as the name is set out on the financing statement,
  - (iv) an indication that the financing statement should or should not have been designated as a caution filing, as the case may be, and
  - (v) the information required by section 12;

- (b) where the amendment is to delete a line of information set out on a financing statement or financing change statement,

- (i) the registration number of the statement,
  - (ii) the page number on which the line of information appears,
  - (iii) one of the names as prescribed by section 14 or 17, as the case may be, as the name is set out on the statement,
  - (iv) the number of the line to be deleted, and
  - (v) the information required by section 12;

- (c) where the amendment is to substitute a line of information for a line of information on a financing statement or financing change statement,

- (i) the registration number of the statement,

- (ii) the page number of the page on which the line of information appears,

- (iii) one of the names as prescribed by section 14 or 17, as the case may be, as the name is set out on the statement,

- (iv) the number of the line on which the information appears,

- (v) the line of information to be substituted, and

- (vi) the information required by section 12;

- (d) where the amendment is to add a line of information for a line on which no information is set out on a financing statement or financing change statement,

- (i) the registration number of the statement,

- (ii) the page number of the page on which the blank line appears,

- (iii) one of the names as prescribed by section 14 or 17, as the case may be, as the name is set out on the statement,

- (iv) the line number of the blank line,

- (v) the line of information to be added, and

- (vi) the information required by section 12;

- (e) where the amendment is to add a line of information to a financing statement or financing change statement but there is no blank line on the statement on which to add the information,

- (i) the registration number of the statement,

- (ii) an indication that the amendment is not to a specific page of a statement,

- (iii) one of the names as prescribed by section 14 or 17, as the case may be, as the name is set out on the statement,

- (iv) a line number that corresponds to an appropriate line number on the statement,

- (v) the line of information to be added, and

- (vi) the information required by section 12; or
- (f) where the amendment is of a nature other than that referred to in clause (a), (b), (c), (d) or (e),
  - (i) the registration number of the financing statement,
  - (ii) an indication that the amendment is not to a specific page of a statement,
  - (iii) one of the names as prescribed by section 14 as the name is set out on the financing statement, and
  - (iv) the information required by clauses 12 (e), (f) and (g). O. Reg. 879/75, s. 13.

#### PARTICULARS OF CONTENT OF FORM

**14.—(1)** Where a natural person creates a security interest, the name of the natural person shall be set out in the financing statement to show the first given name, followed by the initial of the second given name, if any, followed by the surname.

(2) Where an artificial body creates a security interest, the name to be set out in the financing statement shall be, where the artificial body is,

- (a) a partnership and the partnership is,
  - (i) registered under the *Partnerships Registration Act*, the registered name of the partnership, or
  - (ii) a limited partnership, the name of the partnership filed under the *Limited Partnerships Act*, or
  - (iii) any other partnership,
    - (A) the name of the partnership as set out in the security agreement, and
    - (B) the name of at least one of the partners, and where the partner is,
      - 1. a natural person, the information required under subsection (1), or
      - 2. an artificial body, the information required under this subsection,

whether or not the person creates a security interest;

- (b) a corporation, the incorporated name of the corporation;
- (c) an unincorporated association, organization, syndicate, joint venture or church or other religious organization,
  - (i) the name as set out in the constitution, charter or other document creating the association, organization, syndicate, joint venture or church or other religious organization, and
  - (ii) the name of each person signing the security agreement on behalf of the association, organization, syndicate, joint venture or church or other religious organization, and where the person signing is,
    - (A) a natural person, the information required under subsection (1), or
    - (B) an artificial body, the information required under this subsection,
- whether or not the person signing creates a security interest;
- (d) an estate of a deceased natural person, the first given name, followed by the initial of the second given name, if any, followed by the surname of the deceased, followed by the word "estate";
- (e) a trade union,
  - (i) the name of the trade union, and
  - (ii) the information required under subsection (1) for each natural person signing the security agreement on behalf of the trade union,
- whether or not the natural person creates a security interest;
- (f) a trust and the document creating the trust,
  - (i) designates a name for the trust, that name followed by the word "trust",
  - (ii) does not designate a name for the trust, the name of one of the trustees and where the trustee is,
    - (A) a natural person, the information required under subsection (1), or

(B) an artificial body, the information required under this subsection,

whether or not the trustee creates a security interest;

(g) an estate of a bankrupt and the bankrupt is,

(i) a natural person, the first given name of the person, followed by the initial of the second given name, if any, followed by the surname, followed by the word "bankrupt", or

(ii) an artificial body, the name of the person followed by the word "bankrupt"; or

(h) any artificial body, other than one described in clauses (a) to (g),

(i) the name of the artificial body, and

(ii) the name of each person signing the security agreement on behalf of the artificial body, and where the person signing is,

(A) a natural person, the information required under subsection (1), or

(B) an artificial body, the information required under this subsection,

whether or not the person signing creates a security interest.

(3) Where a person identifies himself or itself to the public by a name or style other than his or its own name, as the case may be, the name may be set out in the financing statement on a line designated for business debtor.

(4) Where the name of a person is required to be set out on a financing statement under subsection (1) or (2), the name shall be set out for,

(a) a natural person, on a line designated for individual debtor; or

(b) an artificial body, on a line designated for business debtor. O. Reg. 879/75, s. 14.

**15.** The registrar may assign a code to a secured party and the code may be set out in a financing statement or a financing change statement with or in lieu of the name and address of the secured party. O. Reg. 879/75, s. 15.

**16.** The date of birth or date of maturity in a financing statement or financing change statement shall be set out to show,

(a) the day of the month in numerals;

(b) the first three letters of the name of the month;

(c) the last two digits of the number of the year. O. Reg. 879/75, s. 16.

**17.** A financing change statement other than a statement described as an amendment shall set out,

(a) the registration number of,

(i) the financing statement,

(ii) the last financing change statement designated as a renewal, or

(iii) the last financing change statement;

(b) one of the names as prescribed by section 14, as the name is set out on the financing statement;

(c) the name and address of one of the secured parties or of the registering agent, if any; and

(d) the authorized signature of the secured party. O. Reg. 879/75, s. 17; O. Reg. 547/79, s. 1.

#### APPROVED FORMS

**18.—(1)** Upon application, the registrar may approve a form of financing statement or financing change statement.

(2) An approval granted under subsection (1) may be for a limited time period and may be otherwise qualified and may require that the qualification or approval be printed on the form.

(3) The registrar may withdraw an approval granted under subsection (1) upon written notice sent by registered post and the approval shall be deemed to be withdrawn ten days after the mailing of such notice.

(4) An application under subsection (1) shall be accompanied by a self-addressed envelope. O. Reg. 879/75, s. 18.

#### PROCEDURE

**19.—(1)** A financing statement or financing change statement submitted to a branch registrar shall be in duplicate or in triplicate, unseparated, and the original shall be known as the central filing office copy, one copy shall be known as the branch filing office copy and the remaining copy, if any, shall be known as the registrant's copy.

(2) Where a statement referred to in subsection (1) is accepted by the branch registrar, the branch registrar shall number the statement, separate the copies and forward the central filing office copy to the central office.

(3) Except as provided in subsection (4), where a registrant requests the return to him of the registrant's copy, if any, of the statement referred to in subsection (1),

(a) by post and provides a prepaid addressed envelope; or

(b) by delivery to a branch office,

the branch registrar shall comply with the request.

(4) Clause (3) (b) does not apply to the central registration branch. O. Reg. 879/75, s. 19.

MANNER OF RECORDING

20.—(1) The information required or permitted by this Regulation to be set out on a financing statement or a financing change statement shall be set out in a manner suitable for filming and, without limiting the generality of the foregoing,

(a) the information shall be typewritten or machine printed in black ink with clear, neat and legible characters without erasures, interlineation or alterations;

(b) alphabetic characters shall be in upper case only; and

(c) subject to subsection 22 (1), the information shall be without punctuation marks or symbols.

(2) An error in transcribing information on to a financing statement or a financing change statement in respect of,

(a) the name or address of a person;

(b) the name or address of a secured party;

(c) the description of the collateral; or

(d) the name or address of a registering agent,

may be corrected before the statement is tendered for registration by typing an "X" over the error but the registrar may refuse to accept a statement where the correction may, in the opinion of the registrar, create an ambiguity. O. Reg. 879/75, s. 20.

21. A financing statement or financing change statement tendered for registration by mail shall be addressed to:

The Personal Property Security Registrations,  
Central Registration Branch,  
Box 21100,  
Postal Station "A",  
Toronto, Ontario M5W 1W6. O. Reg. 879/75,  
s. 21.

22.—(1) The punctuation mark or symbol set out in column 2 of Schedule 1 may be used in a financing statement or a financing change statement in lieu of the information set out opposite thereto in column 1 of Schedule 1.

(2) The abbreviations or expansions set out in column 2 of Schedule 2 may be used for,

(a) item 1 to 9, on line numbered 03, 06, 08 and 16 in a financing statement and on line numbered 36, 37, 40, 48, 56, 57 and 66 in a financing change statement;

(b) item 10 to 30, on line numbered 04, 07, 09 and 17 in a financing statement and on line numbered 38, 41, 49, 58 and 67 in a financing change statement; and

(c) item 31 to 58, on line numbered 11, 12, 13, 14 and 15 in a financing statement and on line numbered 42, 43, 60, 61, 62 and 63 in a financing change statement,

in lieu of the information set out opposite thereto in column 1 of Schedule 2. O. Reg. 879/75, s. 22.

23. The time assigned to a registration shall correspond with the time at the central office. O. Reg. 879/75, s. 23.

FIXTURES, CROPS, OIL, GAS OR MINERALS

24.—(1) A form of notice for collateral that is fixtures, goods that may become fixtures, crops, oil, gas or minerals to be extracted shall be in Form 1 and shall be signed by the secured party or his legal or personal representative.

(2) A discharge of a notice made under subsection (1) shall be in Form 2 and shall be signed by the secured party or by the legal or personal representative. O. Reg. 879/75, s. 24.

Form 1

Personal Property Security Act

NOTICE OF SECURITY INTEREST

I, .....  
(name of secured party)

.....  
(address)

hereby give notice that a security interest has been

created by .....  
(name of debtor)

of the.....of.....  
(residence)

in.....  
(brief description of collateral)

The following is a description of the land upon which  
the collateral is located or is affixed or is to be affixed:

.....  
.....  
.....

This notice is given for the purpose of registration  
in the Land Registry Office of.....  
(city, county,  
.....  
district or regional municipality)

I hereby certify that I have full knowledge of the  
facts set out in this notice and that the facts are  
true.

Dated this.....day of....., 19.....  
.....  
(signature of secured party,  
or as the case may be)

O. Reg. 879/75, Form 1.

Form 2

Personal Property Security Act

CERTIFICATE OF DISCHARGE

The notice of security interest of.....  
(name of secured party)

of the.....  
(address)

upon the following lands:.....  
.....  
.....  
(description of lands)

dated the.....day of....., 19..., and  
registered the.....day of....., 19, as  
Number.....in the Land Registry Office for

the.....is  
(city, county, district or regional municipality)

discharged.  
(here mention the particulars of any assignment)

.....  
(signature of secured party,  
or as the case may be)

O. Reg. 879/75, Form 2.

Schedule 1

ITEM	COLUMN 1	COLUMN 2
1.	Parentheses	( )
2.	Apostrophe	'
3.	Period	.
4.	Plus sign	+
5.	Ampersand	&
6.	Hyphen	-
7.	Virgule	/
8.	Comma	,
9.	Percent sign	%
10.	Quotation marks	"
11.	Dollar sign	\$

O. Reg. 879/75, Schedule 1.

Schedule 2

ITEM	COLUMN 1	COLUMN 2
1.	COMPANY	CO
2.	LIMITED	LTD
3.	INCORPORATED	INC
4.	CORPORATION	CORP
5.	BROTHERS	BROS
6.	DIVISION OF	DIV OF

ITEM	COLUMN 1	COLUMN 2
7.	CANADA	CAN
8.	INTERNATIONAL	INT
9.	CONSTRUCTION	CONST
10.	½	A HALF
11.	STREET	ST
12.	AVENUE	AVE
13.	ROAD	RD
14.	BOULEVARD	BLVD
15.	CIRCLE	CIR
16.	CRESCENT	CRES
17.	DRIVE	DR
18.	COURT	CT
19.	HIGHWAY	HWY
20.	APARTMENT	APT
21.	EAST	E
22.	WEST	W
23.	NORTH	N
24.	SOUTH	S
25.	LOT	L
26.	CONCESSION	CON, C
27.	TOWNSHIP	TWSP, TWP
28.	RURAL ROUTE	RR
29.	TORONTO	TOR
30.	ONTARIO	ONT
31.	INTERNATIONAL HARVESTER	IH, INTERNAT HARV
32.	MASSEY FERGUSON	MF

ITEM	COLUMN 1	COLUMN 2
33.	CHEVROLET	CHEV
34.	PONTIAC	PONT
35.	OLDSMOBILE	OLDS
36.	CHRYSLER	CHRY
37.	PLYMOUTH	PLY
38.	AMERICAN MOTORS	AM, AM MOTORS
39.	MOTORS	MTRS
40.	VOLKSWAGEN	VW
41.	RAMBLER	RAMBL
42.	½ TON TRUCK	HLF TON TRK
43.	½ TON PICKUP TRUCK	HALF TON PU TRK
44.	¾ TON TRUCK	3 QTR TON TRK
45.	STATION WAGON	STN WGN
46.	4 DOOR HARDTOP	4 DR HDTP
47.	CONVERTIBLE	CONV
48.	COUPE	CPE
49.	DELIVERY VAN	DEL VAN
50.	SEDAN	SDN
51.	SUPERSPORT	SS
52.	SERIAL NUMBER	SERIAL
53.	SERIAL NUMBER	SERIAL
54.		INCH, IN
55.	TELEVISION	TV
56.	½	HLF
57.	¼	QTR
58.	BEDROOM SUITE	BDRM STE



## REGULATION 750

under the Personal Property Security Act

### PERSONAL PROPERTY SECURITY ASSURANCE FUND

1. Twenty cents of each fee received under the Act in respect of forms of statements submitted for registration shall be paid into The Personal Property Security Assurance Fund. O. Reg. 779/75, s. 1.



# REGULATION 751

under the Pesticides Act

## GENERAL

### INTERPRETATION

#### 1. In this Regulation,

- (a) "adequate respiratory protection" means a respiratory device or devices that effectively protects the user from adverse effects that might result from breathing in of a pesticide during the handling or use of the pesticide;
- (b) "adequate protective clothing" means clothing including rubber or neoprene boots, rubber or neoprene gloves, hats, coats and other garments that effectively protect the user from adverse effects that might result from a pesticide coming in contact with the skin during or after the handling or use of the pesticide;
- (c) "agricultural or forestry production" means the production of plants, animals, or both, by an agriculturist;
- (d) "agriculturist" means a person who uses farm land for agricultural or forestry production;
- (e) "air-blast machine" means a pesticide application device utilizing an independent mechanically produced stream of air to assist the carrying of the pesticide beyond the orifice of the device;
- (f) "Crown employee" means a Crown employee within the meaning of the *Public Service Act*;
- (g) "drainage ditch" means a man-made water course, added to the natural land drainage system, primarily to collect and convey water and that, for some period each year, does not contain flowing water;
- (h) "farm land" means land, or a farm structure, or both, used for agricultural or forestry production where it comprises,
  - (i) at least eleven acres that are contiguous except for division by a street, road, railway or water, or
  - (ii) less than eleven acres, if there has been an average gross annual revenue over the three years immediately preceding or a gross revenue in the year immediately preceding the date of the sale or proposed sale at retail of a pesticide for use on the land or the farm structure of not less than \$4,000 from the sale of the products of agricultural or forestry production, or both, produced on the land or farm structures, or both;
- (i) "farm structure" means a structure used for agricultural or forestry production but does not include a structure used primarily for storage or human habitation;
- (j) "fire resistance rating" means the rating assigned to a component or assembly from a test of the time of fire resistance of a representative specimen conducted in accordance with,
  - (i) Underwriters' Laboratories of Canada Standard for Fire Tests of Building Construction and Materials, ULC 263, 1971, or
  - (ii) Underwriters' Laboratories of Canada Standard for Fire Tests of Door Assemblies, ULC 10 (b), 1970;
- (k) "fire separation" means a barrier against the spread of fire and smoke;
- (l) "herbicide" means any pesticide used for the destruction or control of any vegetation;
- (m) "hormone type herbicide" means any pesticide containing,
  - (i) 2,4-D,
  - (ii) 2,4-DB,
  - (iii) 2,4,5-T,
  - (iv) mecoprop,
  - (v) fenoprop,
  - (vi) MCPA,
  - (vii) MCPB,
  - (viii) dichlorprop,
  - (ix) dicamba,
  - (x) TBA,
  - (xi) fenac, or
  - (xii) picloram;

- (n) "limited wholesale vendor" means a person who may sell at wholesale only those pesticides mentioned in section 89 in accordance with the provisions of section 89;
- (o) "mammalian pest" means any rat, mouse, raccoon, rabbit, porcupine, squirrel, groundhog, mole or skunk;
- (p) "retail vendor" means a person who sells at retail;
- (q) "sell at retail" means sell, transfer or offer to sell or transfer to a purchaser or a transferee for the purpose of use and not for resale or retransfer;
- (r) "sell at wholesale" means sell, transfer or offer to sell or transfer, other than at retail;
- (s) "store for sale at retail" means keep for sale at retail in an area that is separated from that part of the premises in which the retail vendor normally transacts business;
- (t) "store for sale at wholesale" means keep for sale at wholesale in an area that is separated from that part of the premises in which the wholesale vendor or limited wholesale vendor normally transacts business;
- (u) "warning gas" means a gas that immediately identifies its presence by its effect on the senses when a person is exposed to it;
- (v) "wholesale vendor" means a person who sells at wholesale. O. Reg. 618/74, s. 1; O. Reg. 577/76, s. 1; O. Reg. 132/79, s. 1.

#### THE PESTICIDES ADVISORY COMMITTEE

2.—(1) The term of office of a member of the Committee other than a member who is a Crown employee is three years.

(2) Every vacancy on the Committee caused by the death, resignation or incapacity of a member may be filled by the appointment of a member for the remainder of the term of the member. O. Reg. 618/74, s. 2.

3.—(1) The Committee shall meet,

- (a) at the request of the Minister;
- (b) at the request of the chairman; or
- (c) at the request of any three members of the Committee.

(2) The secretary of the Committee shall,

- (a) keep a record of all business transacted at a meeting of the Committee;
- (b) have the custody of all reports, submissions and correspondence received by the Committee; and
- (c) produce the records and other documents mentioned in clause (b) for inspection when requested by the Minister or an officer of the Ministry designated by him. O. Reg. 618/74, s. 3.

4. A member of the Committee, other than a member who is an officer of the Crown, shall be paid,

- (a) \$135 if he is the chairman; or
- (b) \$105 if he is not the chairman; and
- (c) his necessary travelling and other expenses,

for each day that he is engaged upon the work of the Committee. O. Reg. 618/74, s. 4.

#### APPLICATION FOR LICENCE

5. An application for a type of licence mentioned in column 1 of the following Table shall be in the form set opposite thereto in column 2.

TABLE

ITEM	COLUMN 1	COLUMN 2
	Type of Licence	Form of Application for Licence
1.	Operator (all classes)	2
2.	Structural Exterminator (all classes)	1
3.	Land Exterminator (all classes)	1
4.	Water Exterminator (all classes)	1
5.	Wholesale Vendor (all classes)	8
6.	Retail Vendor (all classes)	9

O. Reg. 577/76, s. 2.

#### GENERAL REQUIREMENTS FOR EXTERMINATOR'S LICENCE

6.—(1) Subject to subsection (4) an applicant for any class of exterminator's licence shall submit with his application the names of at least two reputable persons who have known the applicant for at least one year immediately prior to the application and are prepared to attest to his good reputation. O. Reg. 577/76, s. 3 (1).

(2) An applicant for any class of exterminator's licence shall,

- (a) be physically fit for the purpose of performing exterminations and provide a certificate to this effect from a legally qualified medical practitioner;
- (b) submit to an examination referred to in section 11 and be recommended by the examiners as competent to hold the class of licence for which he has applied;
- (c) have grade 10 standing or other qualifications considered by the Director to be equivalent thereto;
- (d) be at least sixteen years of age.

(3) Subject to subsection (4), in addition to the requirements mentioned in subsections (1) and (2), an applicant for any class of structural exterminator's licence shall meet the requirements of section 29.

(4) An applicant for any class of exterminator's licence to perform exterminations on his own premises or the premises of his employer is exempt from subsection (1). O. Reg. 618/74, s. 6 (2-4).

(5) Every applicant for an exterminator's licence and every exterminator shall notify the Director of any change in the information furnished in or with his application within ten days after the effective date of the change. O. Reg. 577/76, s. 3 (2).

#### FEES

7.—(1) The fee for each class of an operator's licence, or a renewal of any of them, is \$15.

(2) The fee for each class of an exterminator's licence, or a renewal of any of them, is \$10.

(3) The fee for a wholesale vendor's licence, or a renewal thereof, is \$100.

(4) The fee for a limited wholesale vendor's licence, or a renewal thereof, is \$20.

(5) The fee for a retail vendor's licence, Class 1, or a renewal thereof, is \$20.

(6) The fee for a retail vendor's licence, Class 2, or a renewal thereof, is \$15.

(7) The fee for a retail vendor's licence, Class 3, or a renewal thereof, is \$10.

(8) The fee for a licence, or a renewal thereof, shall be submitted with the application for the licence or renewal. O. Reg. 618/74, s. 7.

8.—(1) An application for a licence mentioned in Column 1 of the Table of section 5, or a renewal thereof, shall be made to the Director.

(2) An application for a renewal of a licence shall be made in the case of,

- (a) an operator's licence, at least thirty days prior to the expiry date of the licence;
- (b) an exterminator's licence, at least thirty days prior to the expiry date of the licence; and
- (c) a vendor's licence, at least sixty days prior to the expiry date of the licence. O. Reg. 618/74, s. 8.

#### EXAMINERS

9.—(1) The Director shall appoint the examiners of applicants for licences.

(2) The term of an appointment as an examiner is three years and is subject to cancellation by the Director.

(3) An examiner, other than one who is a Crown employee, shall be paid \$75 and his necessary travelling and other expenses for each day that he is engaged upon his work as an examiner. O. Reg. 618/74, s. 9.

#### EXAMINATIONS

10.—(1) The fee for an examination for each class of licence is \$5 and shall be submitted together with the application.

(2) An applicant who fails to attend a scheduled examination and fails to notify the Director of his inability to attend at least forty-eight hours before the time fixed for the examination shall forfeit his examination fee and be required to pay a new examination fee.

(3) Notwithstanding subsection (2), an applicant who fails to attend a scheduled examination three times within a six-month period shall forfeit his examination fee and, if required by the Director, shall submit a new application for the licence.

(4) An applicant for a licence shall be given at least seven days notice of the date, time and place fixed for his examination.

(5) No applicant shall be permitted to try an examination for a licence as an operator or for the same class of exterminator's licence more than twice in any period of twelve months. O. Reg. 618/74, s. 10.

#### EXTERMINATOR'S LICENCE

11.—(1) An oral examination for any class of exterminator's licence shall be given by at least two examiners.

(2) An examination of an applicant for a licence to perform any class of structural exterminations shall be an oral examination.

(3) An examination of an applicant for a licence to perform any class of land or water exterminations may be a written or oral examination, or both.

(4) At least one examiner or a person designated by the examiners shall be present at a written examination.

(5) The examiners shall examine the applicant for any class of exterminator's licence on his knowledge of,

- (a) the provisions of the Act and the regulations thereunder;

(b) the toxicity and hazard, first-aid and antidotes and the forms and methods of application of the pesticide or pesticides that the prescribed class of licence for which the applicant is applying shall entitle him to use; and

(c) the identification, life history, habits, characteristics and control of pests that may be subject to extermination. O. Reg. 618/74, s. 11.

12.—(1) The Director may require an applicant for renewal of any class of exterminator's licence to pass an examination before renewing the licence.

(2) When so required by the Director, an applicant for renewal of any class of exterminator's licence shall provide the Director with a report of a legally qualified medical practitioner establishing that the applicant is physically fit for the purpose of performing exterminations. O. Reg. 618/74, s. 12.

#### OPERATORS' LICENCES

13.—(1) An operator's licence, of the class prescribed in column 1 of the following Table, is authority to operate an extermination business set out in column 2 thereof:

TABLE

	COLUMN 1	COLUMN 2
ITEM	Class of Operator's Licence	Extermination Business
1	1	Structural, land and water exterminations
2	2	Structural and land exterminations
3	3	Structural and water exterminations
4	4	Land and water exterminations
5	5	Structural exterminations
6	6	Land exterminations
7	7	Water exterminations

(2) Every operator's licence shall have endorsed thereon the class of operator's licence for which it has been issued. O. Reg. 618/74, s. 13.

14.—(1) Every applicant for an operator's licence or a renewal thereof shall submit such information and material as the Director may require with respect to the character, qualifications and financial responsibility of the applicant or where the applicant

is a corporation, with respect to the character and qualifications of the directors and officers of the applicant and the financial responsibility of the applicant.

(2) Where several persons intend to operate an extermination business in association with each other under the authority of one operator's licence, it is a requirement for the licence that each of such persons signs the application for the licence.

(3) Where the applicant is a corporation it shall designate on Form 2 the directors or officers who are the official representatives of the corporation and whose duty it is to ensure that the Act and the regulations thereunder are complied with and who shall sign the application.

(4) Every operator shall notify the Director of any change in the information furnished in Form 2 or under section 17 within ten days after the effective date of the change. O. Reg. 577/76, s. 4.

15.—(1) Upon receiving the application in Form 2, the Director may require the applicant to undergo an oral examination.

(2) If an examination mentioned in subsection (1) is required by the Director, the notice mentioned in subsection 10 (4) shall set out any information or evidence in respect of the qualifications of the applicant to operate an extermination service that the Director may require him to produce. O. Reg. 618/74, s. 15 (1, 2).

(3) Where the applicant is a corporation, any examination required under subsection (1) shall be taken by the official representative or representatives of the applicant designated under subsection 14 (3). O. Reg. 577/76 s. 5.

(4) At least three examiners shall examine an applicant for an operator's licence. O. Reg. 618/74, s. 15 (4).

16. An applicant for any class of operator's licence or a renewal thereof shall satisfy the Director that he is at least eighteen years of age or, in the case of a corporation that the Official Representatives are each at least eighteen years of age. O. Reg. 577/76, s. 6.

17.—(1) Subject to subsection (2), the Director may require an applicant for any class of operator's licence or renewal thereof to appear before him and submit evidence and information respecting the qualifications of the applicant and any other person involved in the control and management of the extermination business.

(2) At least seven days before the appearance mentioned in subsection (1) the applicant shall be given notice of,

- (a) the date, time and place fixed for his appearance before the Director; and
- (b) the particulars of the information and evidence that the Director may require the applicant to produce. O. Reg. 618/74, s. 17.

18.—(1) Every operator shall employ at least one licensed exterminator for every four or fewer employees who assist in performing exterminations.

(2) An operator who carries on business at more than one location shall,

- (a) have a licensed exterminator in charge at each location who is normally present at least once during each business day;
- (b) notify the Director of the address of each location and the name of the licensed exterminator in charge at each location; and
- (c) notify the Director of any change in the information furnished under clause (b) within ten days after the effective date of the change. O. Reg. 618/74, s. 18.

#### INSURANCE REQUIREMENTS

19.—(1) An operator shall carry insurance in a form approved by the Superintendent of Insurance of the Province of Ontario for every extermination business carried on by him with respect to the liability of the operator and all of his employees arising out of any extermination business carried on by him for death, injury or property damage. O. Reg. 577/76, s. 7.

(2) Subject to subsection (3), where an operator carries on an extermination business, the liability coverage provided by the contract of insurance required under subsection (1) shall be in an amount of not less than \$25,000 to each employee of the operator provided that the contract of insurance may limit the insurer's liability under the contract of insurance arising out of any one incident to \$50,000.

(3) Where an operator furnishes satisfactory evidence that his business is subject to Part I of the *Workmen's Compensation Act* and that he is paying all amounts due under Part I of the *Workmen's Compensation Act* as they fall due then so long as he continues to pay all such amounts as they fall due and to comply with all the provisions of the *Workmen's Compensation Act* he is exempt from subsection (2).

(4) Where an operator carries on an extermination business for which he is the holder of a Class 1, 2, 3 or 5 operator's licence, the contract of insurance required under subsection (1) shall provide coverage in an amount of not less than,

- (a) \$300,000 with respect to the death or or bodily injury to any person not an employee of the operator for each such person provided that the contract of insurance may limit the insurer's liability under the contract of insurance arising out of any one incident to \$500,000; and
- (b) \$200,000 with respect to property damage arising out of any one incident.

(5) Where an operator carries on an extermination business for which he is the holder of a Class 4, 6 or 7 operator's licence and is not the holder of a Class 1, 2, 3 or 5 operator's licence, the contract of insurance required under subsection (1) shall provide coverage in an amount of not less than,

(a) \$100,000 with respect to the death or bodily injury to any person not an employee of the operator for each such person provided that the contract of insurance may limit the insurer's liability under the contract of insurance arising out of any one incident to \$200,000; and

(b) \$10,000 with respect to property damage arising out of any one incident.

(6) The contract of insurance required under subsection (1) may provide that the insured shall be responsible for the first \$250 of each claim for which an amount of coverage is required under subsections (4) and (5).

(7) Where a contract of insurance required by subsection (1) limits the insurer's liability to an aggregate amount, except as permitted by subsections (2), (4) and (5), the contract shall contain a provision requiring the insurer to notify the Director of all sums of money paid by reason of the liability of the insured.

(8) Where an operator has a contract of insurance which is required to have the provision referred to in subsection (7), the operator shall advise the Director of all sums of money paid under the contract of insurance.

(9) Every contract of insurance furnished in satisfaction of the requirements of this section shall provide that,

(a) the insurer shall give fifteen days notice by registered mail to the Director prior to any cancellation of the contract by the insurer or the insured taking effect;

(b) the contract of insurance shall remain in full force and effect until the notice provided for in clause *a* has expired; and

(c) the insurer shall pay any claims covered by the contract of insurance to any person making such a claim who has recovered a judgment thereon notwithstanding any act or default of the insured which might make the policy void or give the insurer a defence to an action by the insured provided that such provision shall not limit the insurer's right to recover any payment so made from the insured. O. Reg. 618/74, s. 19 (2-9).

#### CLASSES OF PESTICIDES

20. For the purposes of the Act and this Regulation pesticides are classified as follows:

(a) the pesticides set out in Schedule 1 are classified as Schedule 1 pesticides;

(b) the pesticides set out in Schedule 2 are classified as Schedule 2 pesticides;

(c) the pesticides set out in Schedule 3 are classified as Schedule 3 pesticides;

(d) the pesticides set out in Schedule 4 are classified as Schedule 4 pesticides;

(e) the pesticides set out in Schedule 5 are classified as Schedule 5 pesticides; and

(f) the pesticides set out in Schedule 6 are classified as Schedule 6 pesticides. O. Reg. 618/74, s. 20; O. Reg. 577/76, s. 8.

21.—(1) Subject to subsection (3), no person shall use any pesticide in an extermination unless it is registered under the *Pest Control Products Act* (Canada) and assigned a registration number under that Act and is classified under this Regulation.

(2) Subject to subsection (3), no person shall use in an extermination any pesticide,

(a) for any purpose other than that for which the pesticide is sold or represented;

(b) in any manner other than that designated on the conditions of registration; and

(c) for any purpose other than that for which the pesticide is authorized for use under this Regulation. O. Reg. 618/74, s. 21 (1, 2).

(3) Where a person uses a pesticide in an extermination for the purpose of research or a test,

(a) by a Research Centre, University or other institution of learning, a professional researcher from industry or the Government of Ontario, the Government of Canada or a person under the supervision or authority of a professional researcher from industry or the Government of Ontario or the Government of Canada, on the premises of such centre or institution, or on experimental premises obtained for this purpose; or

(b) where approval of the extermination has been obtained from the Director at least seven days before the extermination is performed,

he is exempt from subsections (1) and (2) and from subsection 5 (1) and subsection 7 (1) of the Act for that extermination. O. Reg. 577/76, s. 9.

(4) Where an extermination is performed under subsection (3), the crop, if any, remaining at the conclusion of the research or test shall be destroyed by the person responsible for the extermination unless an alternative method for the disposal of the crop is approved by the Director.

(5) Notwithstanding subsection (1) and subject to subsections (2) and (7), an agriculturist may use on his farm land an imported pesticide that is identical with both a pesticide registered under the *Pest Control Products Act* (Canada) and a pesticide classified under this Regulation.

(6) Every pesticide imported by an agriculturist for use on his farm land is prescribed for the purpose of subsection 7 (1) of the Act.

(7) An agriculturist shall not use a pesticide mentioned in subsection (6) unless he has applied for a permit in Form 3 and is the holder of a permit for the land extermination. O. Reg. 618/74, s. 21 (4-7).

**22.** No person shall use water from a lake, river or other surface water in performing exterminations unless the equipment used in the extermination is equipped with an effective device to prevent back-flow. O. Reg. 618/74, s. 22.

**23.** No person shall wash any equipment used to perform an extermination in any lake, river or other surface water or in such a manner that any pesticide may be directly or indirectly discharged or deposited in any lake, river or other surface water. O. Reg. 618/74, s. 23.

#### CONTAINERS

**24.—**(1) No person, other than a wholesale vendor or a limited wholesale vendor, shall have in his possession a pesticide other than in the container in which it was originally offered for sale.

(2) Subsection (1) does not apply to a person,

- (a) who is performing an extermination in accordance with the Act and this Regulation; or
- (b) who places the pesticide into a secondary container of a type and composition that is customarily used or approved by the manufacturer of the pesticide for that pesticide and bears a label in English denoting the trade name or common name and concentration of each active ingredient in the pesticide product. O. Reg. 618/74, s. 24.

**25.—**(1) Subject to subsection (2), an empty container that has been used to hold a Schedule 1, 2 or 5 pesticide shall be disposed of,

- (a) by puncturing or breaking and burying the container in such a manner that it is covered by at least 50 centimetres of soil and is not near any watercourse or water table; or
- (b) where the container is constructed of paper or cardboard, by burning, in circumstances that persons and animals are kept out of any resultant smoke and any resultant smoke is directed away from buildings, highways, roads or outdoor areas frequented by the public. O. Reg. 575/78, s. 1.

(2) An empty container that has been used to hold a Schedule 1, 2 or 5 pesticide need not be disposed of if it has been decontaminated in a manner approved by the Director. O. Reg. 618/74, s. 25 (2).

**26.** Where the original container of a Schedule 1, 2 or 5 pesticide is damaged or broken, the person responsible for the pesticide shall, under the direction of the person who has registered the pesticide under the *Pest Control Products Act* (Canada), and to the satisfaction of the Director,

- (a) replace the container with a container equivalent to that originally used; or
- (b) dispose of the container and its contents by burying them under eighteen inches of soil in such a manner that they are not near any watercourse or water table; and
- (c) clean up any spillage and decontaminate any area, carrier or commodity that has come in contact with the pesticide. O. Reg. 618/74, s. 26.

#### FIRES, ACCIDENTS, THEFTS

**27.—**(1) If a pesticide is involved in a fire or other occurrence that may result in the pesticide being released into the environment other than in the normal course of affairs, the person responsible for a pesticide shall forthwith notify the Director.

(2) The person responsible for a pesticide shall forthwith notify the Director whenever any pesticide is stolen or otherwise passes out of his possession or control other than in the normal course of his affairs. O. Reg. 577/76, s. 10.

#### STRUCTURAL EXTERMINATIONS

**28.—**(1) A structural exterminator's licence of the class prescribed in column 1 of the following Table is authority to use a pesticide prescribed in column 2 thereof under the conditions of use set out in column 3 thereof:

TABLE

	COLUMN 1	COLUMN 2	COLUMN 3
ITEM	Class of Structural Exterminator's Licence	Pesticide Authorized for Use	Conditions of Use
1	1	Schedules 1, 2, 3, 4, 5 and 6	Any structural use except termite control
2	2	i. Schedules 2, 3, 4 and 6	Any structural use except termite control
		ii. Schedules 1 and 5	Assisting Class 1 Structural Exterminator
3	3	i. Schedules 3, 4 and 6	Any structural use except termite control
		ii. Schedule 2	Assisting Class 2 Structural Exterminator
4	4	i. Schedules 3, 4 and 6	Assisting Class 3 Structural Exterminator
		ii. Pesticide(s) stipulated on licence	Assisting Class 5 or Class 6 Structural Exterminator
5	5	Pesticide(s) stipulated on licence	Control of termites and other wood-destroying insects
6	6	Pesticide(s) stipulated on licence	Use, premises and equipment stipulated on licence

O. Reg. 618/74, s. 28 (1); O. Reg. 577/76, s. 11.

(2) Every structural exterminator's licence shall have endorsed thereon the class of exterminator's licence for which it has been issued. O. Reg. 618/74, s. 28 (2).

#### STRUCTURAL EXTERMINATOR'S LICENCE REQUIREMENTS

**29.—**(1) An applicant for a Class 1 structural exterminator's licence is required to,

- (a) be licensed as a Class 2 structural exterminator at the time of his application, and have assisted a Class 1 structural exterminator for a minimum period of six months; or
- (b) satisfy the Director that he has sufficient knowledge and experience to be licensed as a Class 1 structural exterminator.

(2) An applicant for a Class 2 structural exterminator's licence is required to,

- (a) be licensed as a Class 3 structural exterminator at the time of his application, and to have assisted a Class 2 structural exterminator for a minimum period of six months; or

- (b) satisfy the Director that he has sufficient knowledge and experience to be licensed as a Class 2 structural exterminator.

(3) An applicant for a Class 3 structural exterminator's licence is required to,

- (a) have been licensed as a Class 4 structural exterminator at the time of his application, and to have assisted a Class 3 structural exterminator for a minimum period of one year; or
- (b) satisfy the Director that he has sufficient knowledge and experience to be licensed as a Class 3 structural exterminator.

(4) An applicant for a Class 5 structural exterminator's licence is required to,

- (a) have been licensed as a Class 4 structural exterminator at the time of his application, and to have assisted a Class 5 structural exterminator for a minimum period of six months; or
- (b) satisfy the Director that he has sufficient knowledge and experience to be licensed as a Class 5 structural exterminator.

(5) An applicant for a Class 6 structural exterminator's licence is required to,

- (a) have been licensed as a Class 4 structural exterminator at the time of his application and to have assisted a Class 6 structural exterminator for a minimum period of six months; or
- (b) satisfy the Director that he has sufficient knowledge and experience to be licensed as a Class 6 structural exterminator. O. Reg. 618/74, s. 29.

#### GENERAL REQUIREMENTS FOR STRUCTURAL EXTERMINATION PERMITS

**30.—**(1) A structural extermination by means of a Schedule 1, 2, 3 or 5 pesticide is prescribed for the purpose of subsection 7 (1) of the Act.

(2) Subject to section 33, an application for a permit for a structural extermination by means of a pesticide mentioned in subsection (1) shall be in Form 10. O. Reg. 618/74, s. 30.

**31.—**(1) A holder of any class of structural exterminator's licence authorized to use a Schedule 2 or 3 pesticide is exempt from subsection 7 (1) of the Act for the structural extermination by means of that pesticide.

(2) Any person exempt from the licensing requirement of subsection 5 (1) of the Act for a structural extermination by means of a Schedule 2 or 3 pesticide is also exempt from subsection 7 (1) of the Act for that extermination. O. Reg. 618/74, s. 31.

#### STRUCTURAL EXTERMINATION USE AND PERMIT REQUIREMENTS FOR METHYL BROMIDE, ALUMINUM PHOSPHIDE AND CYANIDE COMPOUNDS

**32.—**(1) Sections 33 to 41 apply to structural exterminations in which any Schedule 1 or 5 pesticide containing methyl bromide or cyanide compounds is used.

(2) Sections 33, 34, 37, 38, 39 and 40 and subsections 41 (1), (4) and (5) apply to structural exterminations in which any Schedule 1 or 5 pesticide containing aluminum phosphide is used in a general space fumigation of a building or a portion thereof. O. Reg. 577/76, s. 12.

**33.—**(1) An application for a permit for a structural extermination by means of a pesticide mentioned in section 32 shall be in Form 4. O. Reg. 618/74, s. 33 (1).

(2) Every applicant for a permit mentioned in subsection (1) shall,

- (a) be licensed as a Class 1 structural exterminator; or

- (b) be licensed as a Class 5 or 6 structural exterminator and authorized to use the pesticide mentioned in the application for the permit. O. Reg. 618/74, s. 33 (2); O. Reg. 577/76, s. 13.

**34.—**(1) At least twenty-four hours before but not more than seven days before performing an extermination with a pesticide mentioned in section 32, the exterminator shall deliver a notice in writing,

- (a) to every occupant eighteen years of age and over in the building or vehicle or on the land where the extermination is to be performed;
- (b) to at least one occupant eighteen years of age or over,
  - (i) of every building adjoining the building where the extermination is to be performed, and
  - (ii) of every building so located that the extermination constitutes an actual or potential hazard to its occupants; and
- (c) to the nearest police and fire department having jurisdiction where the structural extermination is to be performed.

(2) Clause (1) (a) does not apply to a commercial or industrial building where notice has been given to the owner of the building or his representative.

(3) Every notice under subsection (1) shall set out,

- (a) the address where the extermination is to be performed;
- (b) that there is danger of poisonous gas;
- (c) the date when it is proposed to perform the extermination;
- (d) that occupants are to vacate and remain out of the buildings, vehicles or lands during the periods of extermination and airing-out;
- (e) such other information as the Director may require.

(4) The exterminator shall ensure that the buildings, vehicles or lands referred to in this section are unoccupied during the periods of extermination and airing-out.

(5) Within seven days after the extermination has been completed, the exterminator shall so notify the Director. O. Reg. 618/74, s. 34.

35. When the pesticide being used in an extermination is in the form of a gas and is not a warning gas, the exterminator shall release a warning gas with the release of the pesticide. O. Reg. 618/74, s. 35.

36. No person shall use a pesticide containing a cyanide compound for an extermination in any building or vehicle where the pesticide may come in contact with the waters of any stream, lake or water flowing into any stream or lake. O. Reg. 618/74, s. 36.

37. Before an extermination is performed by means of a pesticide mentioned in section 32 in a building or vehicle the exterminator shall,

- (a) seal all openings into the area in which the extermination is to be performed, including drains, ducts, vents and cracks in a manner sufficient to make the area gas-tight; and
- (b) remove from the area all water and food likely to absorb the gas being used. O. Reg. 618/74, s. 37.

38.—(1) Before performing an extermination by means of a pesticide mentioned in section 32, the exterminator shall post a placard at least fourteen inches long and ten inches wide,

- (a) at all entrances to the building or vehicle and land on which the extermination is to be performed and bearing the word "danger" in red letters at least 2½ inches high on a white background and indicating that an extermination is being performed on the premises and setting out the name of the exterminator and his emergency telephone number; and
- (b) at all entrances to buildings designated in clause 34 (1) (b) bearing the word "danger" in green letters at least 2½ inches high on a white background and indicating that an extermination is being performed in an adjoining building.

(2) The exterminator shall ensure that the placards posted under subsection (1) are illuminated from sundown to sunrise. O. Reg. 618/74, s. 38 (1, 2).

(3) The exterminator shall ensure that no placard is removed and the building or vehicle is not reoccupied until the airing-out is completed. O. Reg. 577/76, s. 14.

39.—(1) The exterminator shall ensure that no person enters or remains in a building or vehicle where an extermination is being or has been performed using a pesticide mentioned in section 32 until the airing-out is completed in accordance with section 41 except,

- (a) the exterminator;

(b) a provincial officer designated under the Act;

(c) a full-time fire fighter as defined in the *Fire Departments Act*; or

(d) a member of any police force established under the *Police Act*.

(2) During the period mentioned in subsection (1) the exterminator shall,

(a) lock all doors and entrances to the building or vehicle; and

(b) post adult guards in a manner sufficient to prevent any person, other than those mentioned in subsection (1), from entering the building or vehicle. O. Reg. 618/74, s. 39.

40. The exterminator shall ensure that no person mentioned in subsection 39 (1) enters or remains in the building or vehicle after an extermination therein is commenced and before the airing out is completed under section 41 unless he employs adequate respiratory protection and he is accompanied by at least one other adult person mentioned in subsection 39 (1) similarly protected. O. Reg. 577/76, s. 15.

41.—(1) Where an extermination by means of a pesticide mentioned in section 32 is completed, the exterminator shall,

(a) remove and bury under at least eighteen inches of soil, and not near any water-course or water table, all substances used for the extermination or for sealing openings;

(b) circulate fresh air to every air space in the buildings or vehicles described in section 34; and

(c) make the test prescribed in subsection (2), (3) or (4), as the case may be.

(2) Where a pesticide containing methyl bromide is used in the extermination, the exterminator shall make tests by means of a halide-leak detector for the detection of the presence of methyl bromide gas at the floor level of each room, basement, closet, attic and any other enclosed space in the building or vehicle in which the extermination was performed. O. Reg. 618/74, s. 41 (1, 2).

(3) Where a pesticide containing a cyanide compound is used in the extermination, the exterminator shall make tests for the detection of the presence of hydrocyanic acid gas in the building or vehicle in which the extermination was performed by means of glass detector tubes used for determining concentrations of hydrocyanic acid gas at,

- (a) each wall in every room, closet or other enclosed space;
- (b) each floor and wall in the basement; and
- (c) each ceiling and wall of every attic room.

(4) Where a pesticide containing aluminum phosphide is used in the extermination, the exterminator shall make tests for the detection of the presence of phosphine gas in the building or vehicle in which the extermination was performed by means of glass detector tubes used for determining the concentrations of phosphine gas.

(5) The airing-out of the building or vehicle is not completed,

- (a) where a pesticide containing methyl bromide has been used and the flame of the halide-leak detector changes to a greenish colour;
- (b) where a pesticide containing a cyanide compound has been used and a reaction shows in detector tubes to ten or more PPM of hydrocyanic acid gas; or
- (c) where a pesticide containing aluminum phosphide has been used and a reaction shows in detector tubes to 0.3 PPM or more of phosphine gas. O. Reg. 577/76, s. 16.

(6) During the extermination and until the airing-out is completed in accordance with this section, no person shall move the vehicle, if any, without the permission of the Director. O. Reg. 618/74, s. 41 (6).

#### METHYL BROMIDE, ALUMINUM PHOSPHIDE AND CYANIDE COMPOUNDS PERMIT EXEMPTIONS

42.—(1) Subject to subsection (3), where an exterminator engages in an extermination by means of a pesticide mentioned in section 32, in an enclosed space or vault that,

- (a) is gas tight; and
- (b) where the enclosed space or vault is inside or opens into a building, is equipped in accordance with subsection (2),

and if the exterminator,

- (c) has adequate respiratory protection on his person during the extermination;
- (d) before a gas is released, searches the enclosed space or vault to ensure that it contains no person;
- (e) locks the door by a padlock and keeps the keys in his possession;

- (f) is present during the airing-out period; and
- (g) performs the tests prescribed in subsections 41 (2), (3) and (4), as the case may be, to determine whether the airing-out period is completed,

he is exempt from subsection 7 (1) of the Act and from sections 34, 37, 39 and 40 of this Regulation for that extermination. O. Reg. 618/74, s. 42 (1); O. Reg. 577/76, s. 18.

(2) The enclosed space or vault that is inside or opens into a building, mentioned in subsection (1), shall be equipped with,

- (a) a sheet metal lining having soldered joints and covering the walls and ceilings or any other lining that is equivalent in the opinion of the Director;
- (b) a concrete floor or wooden floor of which the joints are made gastight;
- (c) a rubber gasket around the perimeter of all doors;
- (d) an exhaust fan controlled by a switch from outside the enclosed space or vault capable of giving ten changes of air per hour and discharging exhaust gases into outside atmosphere at a point removed from any door, windows or openings; and
- (e) provision to introduce gas from outside the enclosed space or vault.

(3) Before the initial use for an extermination of the enclosed space or vault mentioned in subsection (1), the exterminator shall notify the Director and shall not proceed with the extermination until the Director has approved the construction and equipment of the enclosed space or vault as required by this section. O. Reg. 618/74, s. 42 (2, 3).

43.—(1) Where an exterminator engages in an extermination by means of a pesticide containing methyl bromide and the gas is enclosed under a gas-tight covering and the extermination takes place,

- (a) outside a building while,
  - (i) the exterminator and at least one other exterminator is present during the airing-out, and
  - (ii) all persons present during the introduction of the gas and airing-out period employ adequate respiratory protection, or
- (b) inside a building that is separate from any other building and,

- (i) no person other than persons engaged in the extermination is present during the extermination and airing-out,
- (ii) no part is used for human habitation,
- (iii) the exterminator and at least one other exterminator is present during the introduction of gas and airing-out, and
- (iv) all persons present during the introduction of the gas and airing-out period employ adequate respiratory protection,

he is exempt from subsection 7 (1) of the Act and sections 34, 37, 39 and 40 of this Regulation for that extermination. O. Reg. 618/74, s. 43; O. Reg. 577/76, s. 19 (1, 2).

(2) Where an exterminator is engaged in the extermination of rodents in burrows in the ground by the use of a Schedule 1 or 5 pesticide containing aluminum phosphide or a cyanide compound and,

- (a) the burrows do not open into a building; and
- (b) the exterminator has adequate respiratory protection on his person during the extermination,

he is exempt from subsection 7 (1) of the Act and sections 34, 37, 38, 39, 40 and 41 of this Regulation for that extermination.

(3) Where an extermination of a commodity is performed in a railway car, shipping container, truck, storage bin or under a gas-tight plastic tarpaulin by means of a Schedule 1 or 5 pesticide containing aluminum phosphide, the exterminator is exempt from subsection 7 (1) of the Act, and from sections 34, 38, 39, 40 and 41 of this Regulation for that extermination, but he shall,

- (a) perform the extermination other than in a room which is used for human habitation;
- (b) have adequate respiratory protection on his person; and
- (c) post a placard at least fourteen inches long and ten inches wide at all entrances to the building or vehicle on which the extermination is to be performed and bearing the word "danger" in red letters at least 2½ inches high on a white background and indicating that an extermination is being performed on the premises. O. Reg. 577/76, s. 19 (3).

#### USE RESTRICTIONS OF THALLIUM SULPHATE, STRYCHNINE AND ZINC PHOSPHIDE

44. No Schedule 1, 2, 3, 5 or 6 pesticide containing thallium sulphate, strychnine or zinc phosphide shall be used for an extermination,

- (a) in a room while it is being used for human habitation; or
- (b) in such a manner as to come in contact with or be likely to come in contact with food or drink intended for human or animal consumption. O. Reg. 628/77, s. 1.

45. Where a pesticide mentioned in section 44 is used in a structural extermination, the exterminator shall,

- (a) keep, during the period of extermination, a record of the number and location of the baits used in the extermination; and
- (b) remove every bait from the area when the extermination is completed. O. Reg. 618/74, s. 45.

#### USE RESTRICTIONS OF LINDANE

46.—(1) Where lindane in the form of a vapour is used in an extermination in a building while the building is occupied,

- (a) the building shall not be sealed so as to impede the normal change of air; and
- (b) the amount of vapour released in a twenty-four hour period shall not exceed the amount produced by one gram of lindane for each 15,000 cubic feet of space in the room in which the vapour is generated.

(2) No person shall release lindane in the form of a vapour in an extermination at a rate greater than that set out in clause (1) (b) unless,

- (a) the area in which the extermination is performed is vacant from the time the vapour is released until the area has been aired out by free circulation of air for one hour; and
- (b) all surfaces in the area likely to come into contact with food are washed.

(3) No person shall use a lindane vapourizer,

- (a) where any food is prepared, stored or served; or
- (b) in any rooms which are occupied by a person. O. Reg. 618/74, s. 46.

USE RESTRICTIONS OF SCHEDULE 1, 2 OR 5  
PESTICIDES AS A SUSPENSION IN AIR

47. No exterminator shall use a Schedule 1, 2 or 5 pesticide as a suspension in air in a structural extermination unless he is accompanied by at least one other adult person. O. Reg. 618/74, s. 47.

48.—(1) Before a structural extermination is performed by means of a Schedule 1, 2 or 5 pesticide as a suspension in air the exterminator shall,

- (a) lock from the outside all doors, except one leading into the building in which the extermination is to be performed;
- (b) post on the outside of all doors leading into the building a placard,
  - (i) that is at least fourteen inches long and ten inches wide, and
  - (ii) that bears the words "danger—poisonous substances being used inside" in red block letters at least 2½ inches in height on a white background; and
- (c) ensure that the building is vacant.

(2) After a Schedule 1, 2 or 5 pesticide as a suspension in air is released in a building, the exterminator shall lock the door except in clause (1) (a). O. Reg. 618/74, s. 48.

49. An exterminator who performs an extermination in a building by means of a Schedule 1, 2 or 5 pesticide as a suspension in air shall not permit any person to enter the building until the building is free of the pesticide as a suspension in air. O. Reg. 618/74, s. 49.

50. When a structural extermination by means of a Schedule 1, 2 or 5 pesticide as a suspension in air is completed, the exterminator shall forthwith bury all material being discarded under at least eighteen inches of soil in such a manner as not to be near any surface water or water table. O. Reg. 618/74, s. 50.

USE RESTRICTIONS OF SPOT FUMIGANTS

51. Where an extermination is performed by means of a pesticide containing ethylene dichloride, ethylene dibromide or carbon tetrachloride, the exterminator shall,

- (a) perform the extermination other than in a room which is used for human habitation;
- (b) employ adequate respiratory protection;
- (c) exclude all persons not engaged in the extermination from the area during the extermination;

(d) be accompanied by at least one other person employing adequate respiratory protection; and

(e) post a placard at least fourteen inches long and ten inches wide at all entrances to the building or vehicle and land on which the extermination is to be performed and bearing the word "danger" in red letters at least 2½ inches high on a white background and indicating that an extermination is being performed on the premises. O. Reg. 577/76, s. 20.

52. Where a person performs an extermination in a building or enclosure by means of a pesticide containing chloropicrin, he shall ensure that,

- (a) no person is in the building or any adjoining building;
- (b) adequate respiratory protection is on his person at all times; and
- (c) the building or enclosure is free from chloropicrin before any other person is allowed to enter. O. Reg. 618/74, s. 52; O. Reg. 577/76, s. 21.

STRUCTURAL EXTERMINATION LICENCE  
EXEMPTIONS

53. Where a person,

- (a) is a householder and performs an extermination in the house which he occupies; or
- (b) is a tenant of an apartment or flat which he has rented and performs an extermination in the apartment or flat occupied by him,

by means of a Schedule 3 pesticide, the householder or tenant, as the case may be, is exempt from subsection 5 (1) of the Act for that extermination. O. Reg. 618/74, s. 53.

54.—(1) Where a person performs an extermination by means of a Schedule 4 or 6 pesticide on premises owned or occupied by him or by a person of whom he is the full-time employee, he is exempt from subsection 5 (1) of the Act for that extermination.

(2) Subsection (1) applies in respect of an extermination of a tenanted apartment in an apartment building only if the person who performs the extermination is the tenant. O. Reg. 577/76, s. 22.

55.—(1) Where a person performs an extermination on animals within a farm structure by means of a Schedule 3, 4 or 6 pesticide and is licensed as a Class 5 or 10 land exterminator authorized to use the pesticide being used in the extermination, he is exempt from being licensed as a structural exterminator for such extermination.

(2) An agriculturist or his full-time employee who performs an extermination on animals within a farm structure occupied by him, by means of a Schedule 3, 4 or 6 pesticide, is exempt from being licensed as a structural exterminator for that extermination. O. Reg. 577/76, s. 23.

**56.** Where a person is licensed as a Class 10 land exterminator and performs an extermination in a farm structure with a pesticide mentioned in section 32, he is exempt from being licensed as a structural exterminator for that extermination. O. Reg. 618/74, s. 56.

**57.** Where an exterminator engages in an extermination in or upon an installation or machinery that is a fixture in a building using a pesticide containing both methyl bromide and a pesticide mentioned in section 51, provided that the methyl bromide does not exceed 30 per cent by weight of the pesticide and the exterminator,

- (a) performs the extermination wholly within one room or a group of connected rooms, none of which is used for human habitation;

(b) employs adequate respiratory protection; and

(c) excludes all persons not engaged in the extermination from the room during the extermination,

he is exempt from the permit requirement of subsection 7 (1) of the Act and sections 34, 37, 39 and 40 of this Regulation for that extermination. O. Reg. 577/76, s. 24.

**58.** Where a person is the holder of a permit for a structural extermination by means of a Schedule 2 or 3 pesticide, he is exempt from subsection 5 (1) of the Act for that extermination. O. Reg. 618/74, s. 58.

#### LAND EXTERMINATIONS

**59.—(1)** A land exterminator's licence of the class prescribed in column 1 of the following Table is authority to use the pesticide prescribed in column 2 thereof under the conditions of use set out in column 3 thereof.

TABLE

	COLUMN 1	COLUMN 2	COLUMN 3
ITEM	Class of Land Exterminator's Licence	Pesticide Authorized for Use	Conditions of Use
1	1	Schedules 2, 3, 4 and 6 pesticides that are herbicides	Non-agricultural use
2	2	Schedules 3, 4 and 6 pesticides that are herbicides	Non-agricultural use
3	3	Schedules 2, 3, 4 and 6 pesticides other than herbicides	Non-agricultural use
4	4	Schedules 3, 4 and 6 pesticides other than herbicides	Non-agricultural use
5	5	Schedules 2, 3, 4, 5 and 6 pesticides other than herbicides	Agricultural land
6	6	Schedules 2, 3, 4 and 6 pesticides that are herbicides	Agricultural land
7	7	Schedules 2, 3, 4, 5 and 6 pesticides other than herbicides	From an airborne machine
8	8	Schedules 2, 3, 4 and 6 pesticides that are herbicides	From an airborne machine
9	9	Schedules 2, 3, 4, 5 and 6 pesticides other than herbicides	Air-blast machines and power dusters
10	10	Pesticide(s) stipulated on licence	Use, premises and/or equipment stipulated on licence

(2) Every land exterminator's licence shall have endorsed thereon the class of land exterminator's licence for which it has been issued. O. Reg. 618/74, s. 59 (2).

GENERAL PERMIT REQUIREMENTS FOR  
LAND EXTERMINATION

60.—(1) A land extermination by means of a Schedule 1, 2, 3 or 5 pesticide is prescribed for the purpose of subsection 7 (1) of the Act.

(2) Subject to subsection 67 (2), an application for a permit for a land extermination by means of a pesticide mentioned in subsection (1) shall be in Form 10. O. Reg. 618/74, s. 60.

61.—(1) Subject to subsection (3) and section 67, a holder of any class of land exterminator's licence authorized to use a Schedule 1, 2, 3 or 5 pesticide is exempt from subsection 7 (1) of the Act for that extermination.

(2) Subject to subsection (3) and section 67, any person exempt from subsection 5 (1) of the Act for a land extermination by use of a Schedule 1, 2, 3 or 5 pesticide is also exempt from subsection 7 (1) of the Act for that extermination. O. Reg. 618/74, s. 61 (1, 2).

(3) No person shall perform a land extermination by means of a pesticide containing fenoprop, picloram, 4-aminopyridine or 2,4,5-T unless he is a holder of a permit for the land extermination issued by the Director. O. Reg. 160/79, s. 1.

LAND EXTERMINATOR'S USE REQUIREMENTS FOR  
METHYL BROMIDE AND CYANIDE COMPOUNDS

62. Sections 63, 64 and 65 apply to land exterminations by means of any Schedule 1 pesticide containing methyl bromide or cyanide compounds. O. Reg. 618/74, s. 62.

63. Before commencing exterminations with a pesticide mentioned in section 62 in a farm structure, which is deemed to be a land extermination for the purpose of this section, the exterminator shall deliver a notice to the nearest police and fire department having jurisdiction where the land extermination is to be performed setting out,

- (a) the address where the extermination is to be performed;
- (b) the pesticide to be used; and
- (c) the time periods during which the exterminations are to be performed. O. Reg. 618/74, s. 63.

64. Before beginning an extermination using a pesticide mentioned in section 62, the exterminator shall post a placard at the immediate site in or on which the extermination is to be performed bearing the word "danger" in red letters at least 2½ inches high on a white background, indicating that an extermination is being performed on the premises. O. Reg. 618/74, s. 64.

65.—(1) The exterminator shall ensure that after an extermination using a pesticide mentioned in section 62 is commenced, all doors and entrances to farm structures in which the extermination is being performed are locked. O. Reg. 618/74, s. 65 (1).

(2) The exterminator shall ensure that no person shall enter the farm structure after the extermination therein is commenced and before the airing-out is completed so that a safety hazard no longer exists, unless,

- (a) he employs adequate respiratory protection; and
- (b) he is accompanied by at least one other adult person similarly equipped. O. Reg. 618/74, s. 65 (2); O. Reg. 577/76, s. 26.

AIR-BLAST MACHINES

66. Where a land extermination is performed using an air-blast machine to apply a Schedule 2, 3, 4, 5 or 6 pesticide, the exterminator shall be the holder of a Class 9 land exterminator's licence or a Class 10 land exterminator's licence that is endorsed for the use of an air-blast machine. O. Reg. 577/76, s. 27.

AIRBORNE MACHINES

67.—(1) A holder of any class of land exterminator's licence authorized to use a Schedule 1 or 5 pesticide or a Schedule 2 pesticide containing a hormone-type herbicide from an airborne machine, requires a permit under subsection 7 (1) of the Act to perform the extermination authorized by his licence. O. Reg. 618/74, s. 66 (1); O. Reg. 577/76, s. 29.

(2) An application for the permit mentioned in subsection (1) shall be in Form 5. O. Reg. 618/74, s. 66 (2).

68. Where an extermination is performed from an airborne machine, the pilot of the airborne machine shall be the holder of a Class 7 or 8 land exterminator's licence, or the holder of a Class 3 water exterminator's licence which is endorsed for the use of an airborne machine. O. Reg. 577/76, s. 30.

69. Where a land or water extermination with an airborne machine is performed using a Schedule 1, 2 or 5 pesticide,

- (a) the pesticide shall not be in a dust formulation; and
- (b) the pilot of the machine shall not assist in the loading of the machine with the pesticide or otherwise expose himself to contact with it. O. Reg. 618/74, s. 68; O. Reg. 577/76, s. 31.

70.—(1) Every person who operates an airborne machine in performing land or water exterminations shall,

- (a) keep a record in Form 6 of each land or water extermination performed by him for a period of one year after the extermination is completed or for such longer period as may be required by the Director in writing; and
- (b) if the land or water extermination was performed for an operator, provide a copy of the record mentioned in clause (a) to the operator after the extermination is completed, and the operator shall keep a copy of the record for one year or for such longer period as may be required by the Director in writing. O. Reg. 577/76, s. 32.

(2) A pilot or operator, as the case may be, shall produce the records mentioned in subsection (1) to a provincial officer when requested by him and, unless provided with a copy of the records, the provincial officer may remove the records, or any portion thereof, in order to make copies. O. Reg. 618/74, s. 69 (2).

#### LAND EXTERMINATION EXEMPTIONS

71. Where a person performs a land extermination for domestic purposes on land occupied by him by means of a Schedule 3 pesticide, he is exempt from subsection 5 (1) of the Act for that extermination. O. Reg. 618/74, s. 70.

72.—(1) Where a person performs a land extermination by means of a Schedule 4 or 6 pesticide on premises owned or occupied by him or by a person of whom he is the full-time employee, he is exempt from subsection 5 (1) of the Act for that extermination.

(2) Where a person performs a land extermination by means of a Schedule 3 pesticide on premises to which the public is not admitted and which are owned or occupied by him or by a person of whom he is the full-time employee, he is exempt from subsection 5 (1) of the Act for that extermination. O. Reg. 577/76, s. 33.

73. Where an agriculturist performs a land extermination on the farm land on which he is engaged in agricultural or forestry production by means of a Schedule 2, 3, 4, 5 or 6 pesticide, he is exempt from subsection 5 (1) of the Act for that extermination. O. Reg. 577/76, s. 34.

74.—(1) Where an agriculturist who is enrolled as a custom sprayer with the Ministry and holds a valid certificate of enrolment issued by the Director performs a land extermination on farm land other than his own by means of a Schedule 2, 3, 4, 5 or 6 pesticide by the operation at any given

time of only one piece of pesticide application equipment normally used on his own farm land, he is exempt from subsection 5 (1) of the Act for that extermination.

(2) Subsection (1) does not apply to a person who performs an extermination by means of an airborne machine.

(3) When a person who is an agriculturist and was enrolled with the Ministry as a custom sprayer prior to the 31st day of May, 1974, applies for a Class 5 or 6 land exterminator's licence, he is exempt from subsections 6 (1) and (2). O. Reg. 577/76, s. 35.

75. Where an inspector under the *Bees Act* is engaged in destroying bees by extermination under the authority of that Act by means of a Schedule 1 pesticide containing methyl bromide or a cyanide compound and,

- (a) employs adequate respiratory protection;
- (b) performs the extermination in open air;
- (c) prevents all persons from coming into contact with the poisonous gases; and
- (d) remains at the site of the extermination during the time that any poisonous gases are present,

he is exempt from subsection 5 (1) of the Act and from sections 63, 64 and 65 of this Regulation for that extermination. O. Reg. 618/74, s. 74; O. Reg. 577/76, s. 36.

76. Where a person uses a Schedule 1 pesticide containing a cyanide compound on his own property or the property of his employer for,

- (a) killing diseased colonies of bees;
- (b) killing a fur-bearing animal held under a licence issued under the *Fur Farms Act*; or
- (c) killing unwanted chicks,

he is exempt from subsection 5 (1) of the Act and sections 63, 64 and 65 of this Regulation for that extermination. O. Reg. 618/74, s. 75.

77.—(1) Where an area weed inspector under the *Weed Control Act*, in accordance with his duties under that Act, performs a land extermination by means of a Schedule 2, 3, 4 or 6 pesticide that is a herbicide and uses a compressed-air hand sprayer or equipment no larger than that commonly called a knapsack sprayer, he is exempt from subsection 5 (1) of the Act for that extermination.

(2) A municipality which performs a land extermination for another municipality by means of a

Schedule 2, 3, 4 or 6 pesticide is exempt from subsection 5 (2) of the Act for that extermination. O. Reg. 577/76, s. 37.

78.—(1) Where an exterminator is licensed as a Class 1, 2, 3 or 6 structural exterminator and performs an extermination on animals on farm land, he is exempt from being licensed as a land exterminator for that extermination. O. Reg. 618/74, s. 77 (1); O. Reg. 577/76, s. 38 (1).

(2) Where an exterminator is licensed as a Class 1, 2, 3 or 6 structural exterminator and performs a land extermination for mammalian, avian or insect pests,

(a) on or near a waste disposal site defined under the *Environmental Protection Act*; or

(b) near the building or vehicle where he is performing the structural extermination for the mammalian, avian or an insect pest,

he is exempt from being licensed as a land exterminator for that extermination. O. Reg. 618/74, s. 77 (2); O. Reg. 577/76, s. 38 (2).

79. No operator shall permit a vehicle to be used in transporting or applying a pesticide to be used in connection with a land extermination performed by a person licensed to perform land exterminations as a Class 1, 2, 3, 4, 5, 6, 9 or 10 land exterminator unless an identification marker is obtained from

the Director and is affixed to the rear of the vehicle in such a manner as to be visible and legible at all times. O. Reg. 951/77, s. 1.

SUPERVISION OF EQUIPMENT

80.—(1) Unless exempt from subsection 5 (1) of the Act, no person shall perform a land or water extermination for which pesticide application equipment is used unless the equipment is under supervision of an exterminator licensed to perform that extermination. O. Reg. 577/76, s. 41.

(2) An exterminator shall not supervise an extermination or exterminations for which a total of more than four pieces of pesticide application equipment are being used at any time.

(3) Whenever an extermination mentioned in subsection (1) is being performed and the exterminator is not present, he shall ensure that a person at least sixteen years of age carrying a certificate signed by the exterminator certifying that the person is competent to perform the extermination is present and in charge of each piece of pesticide application equipment. O. Reg. 618/74, s. 79 (2).

WATER EXTERMINATIONS

81.—(1) A water exterminator's licence of the class prescribed in column 1 of the following Table is authority to use a pesticide in column 2 thereof under the conditions of use set out in column 3 thereof:

TABLE

	COLUMN 1	COLUMN 2	COLUMN 3
ITEM	Class of Water Exterminator's Licence	Pesticide Authorized for Use	Conditions of Use
1	1	Schedules 2, 3, 4 and 6 pesticides that are herbicides	Water application
2	2	Schedules 2, 3, 4 and 6 pesticides other than herbicides	Water application
3	3	Pesticide(s) stipulated on licence	Use, equipment and/or area to be treated stipulated on licence

O. Reg. 618/74, s. 80 (1); O. Reg. 577/76, s. 42.

(2) Every water exterminator's licence shall have endorsed thereon the class of water exterminator's licence for which it has been issued. O. Reg. 618/74, s. 80 (2).

WATER EXTERMINATION PERMIT REQUIREMENTS

82. An application for a permit to perform a water extermination shall be in Form 7. O. Reg. 618/74, s. 81.

WATER EXTERMINATION LICENCE AND  
PERMIT EXEMPTIONS

83.—(1) Where a person performs a water extermination within the boundaries of premises owned or occupied by the person or by a person of whom he is a full-time employee,

- (a) he is exempt from subsection 5 (1) of the Act for that extermination; and
- (b) if such water is located wholly within the boundaries of such premises and does not discharge water by any means directly or indirectly, other than by percolation, into a well, lake, river, pond, spring, stream, reservoir or other water or watercourse that is located wholly or partly outside the boundaries of the premises, then he is exempt from subsection 7 (2) of the Act for that extermination. O. Reg. 577/76, s. 44.

(2) A municipality that performs a water extermination for another municipality by means of a Schedule 2, 3, 4 or 6 pesticide is exempt from subsection 5 (2) of the Act for that extermination. O. Reg. 575/78, s. 3.

84. Where a person performs a water extermination for the control of plants that emerge from or float on the surface of the water in a drainage ditch, which at the time of the extermination contains no moving water, and the person uses a Schedule 2, 3, 4 or 6 pesticide that is labelled for that use, he is exempt from subsection 7 (2) of the Act for that extermination. O. Reg. 577/76, s. 45.

VENDOR LICENCES AND REQUIREMENTS

85. The following classes of vendor's licences are prescribed:

1. Wholesale vendor's licence.
2. Limited wholesale vendor's licence.
3. Class 1 retail vendor's licence.
4. Class 2 retail vendor's licence.
5. Class 3 retail vendor's licence. O. Reg. 618/74, s. 85.

86.—(1) Subject to subsection (2), an applicant for any class of vendor's licence or renewal thereof, shall,

- (a) submit with his application the fee prescribed by section 7 for the class of vendor's licence he is applying for; and

- (b) unless the applicant is a corporation or a partnership, be at least eighteen years of age.

(2) Where the applicant is a corporation or partnership it shall designate on its application the partner, director or officer who is the official representative of the corporation or partnership, as the case may be, who shall be at least eighteen years of age and shall sign the application and whose duty it is to ensure compliance with the Act and the regulations thereunder.

(3) An applicant for a wholesale vendor's licence or limited wholesale vendor's licence shall submit with his application the name and address of,

- (a) each premise to be covered by the licence; and
- (b) a person responsible for each premise to be covered by the licence whose duty it is to ensure compliance with this Act and the regulations thereunder.

(4) The holder of any class of vendor's licence shall notify the Director in writing of any change in the information submitted under this section within fourteen days of the effective date of the change. O. Reg. 618/74, s. 86.

WHOLESALE AND LIMITED WHOLESALE VENDOR'S  
LICENCE REQUIREMENTS

87. A holder of a wholesale vendor's licence or limited wholesale vendor's licence who sells at wholesale from more than one premises does not require a licence for each premise if he has met the requirements of subsections 86 (3) and (4). O. Reg. 618/74, s. 87.

88. A holder of a wholesale vendor's licence may sell at wholesale,

- (a) a Schedule 1 or 5 pesticide only to a holder of,
  - (i) a wholesale vendor's licence,
  - (ii) a limited wholesale vendor's licence, or
  - (iii) a Class 1 retail vendor's licence;
- (b) a Schedule 2 pesticide only to a holder of,
  - (i) a wholesale vendor's licence,
  - (ii) a limited wholesale vendor's licence,
  - (iii) a Class 1 retail vendor's licence, or
  - (iv) a Class 2 retail vendor's licence;

- (c) a Schedule 3 pesticide only to a holder of,
  - (i) a wholesale vendor's licence,
  - (ii) a limited wholesale vendor's licence,
  - (iii) a Class 1 retail vendor's licence
  - (iv) a Class 2 retail vendor's licence, or
  - (v) a Class 3 retail vendor's licence, and
- (d) a Schedule 4 or 6 pesticide. O. Reg. 618/74, s. 88; O. Reg. 577/76, s. 46.

**89.** A holder of a limited wholesale vendor's licence may sell at wholesale only,

- (a) Schedule 4 or 6 pesticides;
- (b) Schedule 3 pesticides that are paints, stains, sealers or wood preservatives provided that no food is prepared, sold or stored on the same premises;
- (c) Schedule 3 pesticides that are disinfectants, cleaners or bacteriacides;
- (d) Schedule 2 or 3 pesticides for drill box treatments of corn seed if the pesticide is sold with the corn seed to be treated and the pesticide is in a dust formulation with no greater than twenty-five per cent concentration of lindane and the package contents do not exceed two ounces in weight; and
- (e) Schedule 2 pesticides that are intended for use as bacteriacides in cutting oil, marine or aviation fuels. O. Reg. 618/74, s. 89; O. Reg. 577/76, s. 47.

#### RETAIL VENDOR'S LICENCE REQUIREMENTS

**90.** Every retail vendor's licence shall be displayed in a prominent place at the premises in respect of which the licence was issued. O. Reg. 618/74, s. 90.

**91.** Notwithstanding sections 92, 93 and 94, a holder of any class of retail vendor's licence may sell a pesticide which he is authorized to sell at retail to the holder of a permit issued by the Director for an extermination, the pesticide mentioned in the permit in accordance with any terms and conditions contained therein. O. Reg. 618/74, s. 91.

**92.** The holder of a Class 1 retail vendor's licence may sell at retail,

- (a) a Schedule 1 pesticide only to a licensed exterminator authorized to use such pesticide;

- (b) a Schedule 2 or 5 pesticide only to,
  - (i) a licensed exterminator authorized to use such pesticide,
  - (ii) an agriculturist, except a pesticide containing picloram, and
  - (iii) an area weed inspector designated under the *Weed Control Act*;

- (c) a Schedule 3 pesticide only to,
  - (i) a licensed exterminator authorized to use that pesticide, and
  - (ii) a person exempt from subsection 5 (1) of the Act for an extermination by means of that pesticide; and
- (d) a Schedule 4 or 6 pesticide. O. Reg. 618/74, s. 92; O. Reg. 577/76, s. 48.

**93.** A holder of a Class 2 retail vendor's licence may sell at retail,

- (a) a Schedule 2 pesticide only to,
  - (i) a licensed exterminator authorized to use that pesticide,
  - (ii) an agriculturist, except a pesticide containing picloram, and
  - (iii) an area weed inspector designated under the *Weed Control Act*;

- (b) a Schedule 3 pesticide only to,
  - (i) a licensed exterminator authorized to use that pesticide, and
  - (ii) a person exempt from subsection 5 (1) of the Act for an extermination by means of that pesticide; and
- (c) a Schedule 4 or 6 pesticide. O. Reg. 618/74, s. 93; O. Reg. 577/76, s. 49.

**94.** A holder of a Class 3 retail vendor's licence may sell at retail a Schedule 3 or 6 pesticide only to,

- (a) a licensed exterminator authorized to use a pesticide; and
- (b) a person exempt from subsection 5 (1) of the Act for an extermination by means of that pesticide. O. Reg. 618/74, s. 94; O. Reg. 577/76, s. 50.

**95.** A person is exempt from requiring a retail vendor's licence to sell at retail,

- (a) a Schedule 4 pesticide;
- (b) a Schedule 3 or 6 pesticide that is a paint, stain, sealer or wood preservative provided that no food is prepared, sold or stored on the same premises;
- (c) a Schedule 3 or 6 pesticide that is a disinfectant, cleanser or bactericide;
- (d) a Schedule 2 or 3 pesticide for drill box treatments of corn seed if the pesticide is sold with the corn seed to be treated and the Schedule 2 or 3 pesticide is in a dust formulation with no greater than 25 per cent concentration of lindane and the package contents do not exceed four ounces in weight; and
- (e) a Schedule 2 pesticide that is intended for use as a bactericide in cutting oil, marine or aviation fuels. O. Reg. 618/74, s. 95; O. Reg. 577/76, s. 51.

96.—(1) Subject to subsection (2), the following classes of persons are exempt from requiring a retail vendor's licence where their dealings in pesticides are confined to operations involving the application of pesticides in the course of their business,

- (a) a licensed exterminator; and
- (b) an area weed inspector designated under the *Weed Control Act* who, in accordance with his duties, sells or transfers a Schedule 2 or 3 pesticide, which is a herbicide, to any person who is authorized under the Act and this Regulation to use such a pesticide.

(2) Every person exempted under subsection (1) is subject to clause 97 (1) (a) and subsections 97 (2), (3) and (4). O. Reg. 618/74, s. 96.

#### RECORDS

97.—(1) Every holder of a vendor's licence shall keep a record of each sale or transfer of a Schedule 1, 2 and 5 pesticide setting out,

- (a) the name and address of the purchaser or transferee;
- (b) the type and class of licence or permit to use, if any, held by the purchaser or transferee and the licence or permit number;
- (c) a description of the pesticide sold or transferred, including the name, class, unit size and quantity of the pesticide.

(2) A record made under subsection (1) shall be kept by the holder of the vendor's licence for a period of three years or such longer period as the Director may require by written notice. O. Reg. 618/74, s. 97 (1, 2).

(3) Every vendor who receives a written request from the Director for any record kept under subsection (1) shall forward the record or a copy thereof to the Director within thirty days of receiving the request. O. Reg. 618/74, s. 97 (3); O. Reg. 577/76, s. 52.

(4) The vendor shall produce any record kept under subsection (1) to a provincial officer when requested by him and the provincial officer may remove such record, or any portion thereof, in order to make copies. O. Reg. 618/74, s. 97 (4).

#### GENERAL STORAGE

98. No person shall store any pesticide in such a manner that the pesticide is likely to come into contact with food or drink intended for human or animal consumption. O. Reg. 618/74, s. 98.

99. Every person responsible for a Schedule 1, 2 or 5 pesticide shall ensure that,

- (a) any room in which the pesticide is stored is ventilated to the outside atmosphere;
- (b) a placard is affixed and maintained on the outside of each door leading into the room in which the pesticide is stored bearing the words "Chemical Storage Warning—Authorized Persons Only" in block letters clearly visible; and
- (c) no person can enter the room in which the pesticide is stored without the express permission of the person responsible. O. Reg. 618/74, s. 99.

#### VENDOR STORAGE

100.—(1) Subject to subsections (2) and (3), every holder of a wholesale vendor's licence or limited wholesale vendor's licence who stores any Schedule 1, 2, 3, 4, 5 or 6 pesticide shall store the pesticide,

- (a) in such manner that the pesticide is not likely to contaminate food or drink intended for human or animal consumption;
- (b) in such a manner that the pesticide is not likely to impair the health or safety of any person;

(c) in an area that is maintained in a clean and orderly manner and with precautions taken sufficient to prevent the pesticide from contaminating any other pesticide stored in the same area, or the natural environment; and

(d) in an area that has a warning sign prominently displayed at the entrances thereof indicating the presence of a pesticide. O. Reg. 618/74, s. 100 (1); O. Reg. 577/76, s. 53 (1).

(2) Subject to subsection (3), and in addition to the requirements mentioned in subsection (1), every holder of a wholesale vendor's licence or limited wholesale vendor's licence who stores any Schedule 1, 2 or 5 pesticide shall store the pesticide in an area,

(a) that has no floor drain that leads into or drains directly or indirectly into a storm sewer, sanitary sewer or watercourse; and

(b) near which adequate respiratory protection and adequate protective clothing are kept readily available by the licensee for emergency purposes. O. Reg. 618/74, s. 100 (2); O. Reg. 577/76, s. 53 (2).

(3) In addition to the requirements mentioned in subsections (1) and (2), every holder of a wholesale vendor's licence or limited wholesale vendor's licence who stores any Schedule 1 or 5 pesticide shall store the pesticide in a room or compartment that,

(a) is well ventilated to the outside atmosphere and used exclusively for the storage of pesticides; and

(b) has a fire resistance rating of not less than one hour except for all doors and door-frames which may have a fire resistance rating of not less than forty-five minutes. O. Reg. 618/74, s. 100 (3).

**101.** No vendor shall purchase, acquire or store a pesticide, unless he is the holder of a vendor's licence authorizing him to sell the pesticide or a pesticide reformulated from it or is exempt from requiring a vendor's licence to sell the pesticide or a pesticide reformulated from it. O. Reg. 577/76, s. 54.

**102.**—(1) Subject to subsections (2) and (3), every holder of any class of retail vendor's licence who stores a Schedule 1, 2, 3 or 5 pesticide shall store the pesticide,

(a) in such a manner that the pesticide will not likely contaminate food or drink intended for human or animal consumption;

(b) in such a manner that the pesticide will not be likely to impair the health or safety of any person;

(c) in an area that has a warning sign prominently displayed at the entrances thereof indicating the presence of a pesticide and stating that the pesticides may be handled only by the licensee or his employees;

(d) in an area near which there is prominently displayed a list of emergency telephone numbers, including those of the local fire department, hospital and poison control centre; and

(e) in an area that is maintained in a clean and orderly manner. O. Reg. 618/74, s. 102 (1).

(2) Subject to subsection (3), and in addition to the requirements mentioned in subsection (1), a holder of any class of retail vendor's licence who stores any Schedule 1, 2 or 5 pesticide shall store the pesticide in an area,

(a) that is well ventilated;

(b) that is not accessible to the public and which is locked when the licensee, or an employee of the licensee, is not present on the premises on which the pesticide is stored;

(c) in an area near which adequate respiratory protection and adequate protective clothing are kept readily available by the licensee for emergency purposes; and

(d) that has no floor drain that leads into or drains directly or indirectly into a storm sewer, sanitary sewer or watercourse. O. Reg. 618/74, s. 102 (2); O. Reg. 577/76, s. 55 (1).

(3) In addition to the requirements mentioned in subsections (1) and (2), every holder of any class of retail vendor's licence who stores any Schedule 1 or 5 pesticide shall store the pesticide in an area that is used exclusively for the storage of pesticides. O. Reg. 618/74, s. 102 (3); O. Reg. 577/76, s. 55 (2).

#### VENDOR, FIRE DEPARTMENT NOTIFICATION

**103.** Every holder of,

(a) a wholesale or limited wholesale vendor's licence who stores for sale any pesticide; or

(b) a Class 1 or 2 retail vendor's licence who stores for sale any Schedule 1, 2 or 5 pesticide,

shall notify the local fire department having jurisdiction in the area in which such pesticides are stored of the presence of the pesticide on the premises in Form 11. O. Reg. 618/74, s. 103.

#### DISPLAY

**104.** Every holder of any class of retail vendor's licence who sells at retail any Schedule 1, 2, 3 or 5 pesticide shall,

- (a) display a Schedule 1, 2 or 5 pesticide in such a manner that no person other than the licensee or his employees has ready access to the pesticide;
- (b) display a Schedule 3 pesticide in such manner that such pesticide presents minimal hazard to children; and
- (c) not display any Schedule 1, 2, 3 or 5 pesticide on a shelf or in a display case that is adjacent to a shelf or display case containing food or drink intended for human or animal consumption or any other commodity which if contaminated by the pesticide may cause injury or damage to property or to plant or animal life or to any person. O. Reg. 618/74, s. 104; O. Reg. 577/76, s. 56.

#### TRANSPORTATION

**105.** No person shall transport or cause or permit the transportation of a pesticide by a vehicle operated on any highway or road unless the pesticide is secured in a manner sufficient to prevent the escape or discharge of the pesticide from the vehicle. O. Reg. 618/74, s. 105.

**106.** No person shall transport or cause or permit the transportation of any Schedule 1, 2, 3 or 5 pesticide together with commodities that are,

- (a) food or drink intended for human or animal consumption;
- (b) household furnishings; or
- (c) toiletries, clothes, bedding or similar commodities,

by a vehicle operated on any highway or road unless the pesticide being transported is separated from such commodities in a manner sufficient to prevent their contamination or likely contamination by the pesticide. O. Reg. 618/74, s. 106.

**107.** No person shall transport or cause or permit the transportation of any pesticide in bulk

by a vehicle operated on any highway or any road unless the vehicle has a warning sign prominently displayed on and affixed to the outside of the vehicle warning of the presence of the pesticide. O. Reg. 618/74, s. 107.

**108.**—(1) A person who uses, stores, displays, sells or transports a pesticide which is a machine, apparatus, equipment, article, instrument, contrivance or gadget which does not utilize any,

- (a) Schedule 1, 2, 3, 4, 5 or 6 pesticide; or
- (b) chemical or microbiological agent,

is exempt from the Act and Regulations thereunder. O. Reg. 618/74, s. 108; O. Reg. 577/76, s. 57.

(2) A person who uses, stores, displays, sells or transports a pesticide that is registered under the *Pest Control Products Act* (Canada) for use only in the extermination of microorganisms and that is not classified under this Regulation is exempt from the Act and regulations. O. Reg. 575/78, s. 4.

**109.** A person who is,

- (a) a legally qualified medical practitioner licensed under the *Health Disciplines Act*; or
- (b) registered under the *Veterinarians Act* and is practising veterinary science,

and uses, stores or transports a pesticide for the treatment, control, mitigation or prevention of pests in or on man or animal is exempt from the requirements of the Act and the regulations thereunder for such use, storage or transportation. O. Reg. 618/74, s. 109.

**110.** The codes used in the Schedules have the following meanings,

- (a) "agent" is the Canadian agent for the registrant of the pesticide under the *Pest Control Products Act* (Canada) as set out in Table 1;
- (b) "Registration No." is the registration number assigned to the pesticide under the *Pest Control Products Act* (Canada) or the *Fertilizer Act* (Canada); and
- (c) "Registrant" is the person registering the pesticide under the *Pest Control Products Act* (Canada) or the *Fertilizer Act* (Canada) as set out in Table 2. O. Reg. 618/74, s. 111.

TABLE I

INDEX OF CANADIAN AGENT CODES		
Item	Code	NAME AND ADDRESS
1.	ABC	Agricultural and Veterinary Products Div., Abbott Labs.Ltd., P.O. Box 6150, Montreal, Que.
2.	AMI	Amchem Products Inc., 2224 Walker Rd., Windsor, Ont.
3.	AMZ	Amway of Canada Ltd., Box 5706 London, Ont. N6A 4S5.
4.	BAB	Surge Babson Bros. Co. (Canada) Ltd. 1025 Rangeview Road Port Credit, Ontario
5.	BAI	Thuron Ltd., P.O. Box 73, Port Perry, Ontario.
6.	BAU	Wm. E. Bateman 347 Bay St., Suite 304 Toronto, Ontario M5H 2R8
7.	BEL	Belco Safety Products Ltd., 341 Bering Ave., Toronto, Ont.
8.	BGM	B and G Marketing Services of Canada, P.O.Box 82, Orillia, Ont.
9.	BRE	G. Murray Bray, 127 Frederick St., Kitchener, Ont.
10.	BRM	Brooks Macfarlane, Box 67, Welland, Ont.
11.	BRP	Stanley Brock Ltd., 145 Market Ave. E., Winnipeg, Man.
12.	BYS	Brett-Young Seeds Ltd., Winnipeg 19, Man.
13.	CAV	Canadian Germicide Co. Ltd., 591 The Queensway, Toronto, Ontario M8Y 1J8
14.	CBS	Canadian Spawn and Supply Ltd., Box 385, Newkirk Rd., Richmond Hill, Ont.
15.	CBU	Mr. A. Carpenter, 171 Eglinton Ave. East, Toronto, Ont. M4P 1K5.
16.	CCD	Canadian Occidental Petroleum Ltd., 1000 Calgary House, 550-6th Ave. S.W., Calgary, Alberta, T2P 0S3.
17.	CGC	Ciba-Geigy Canada Ltd., 1 Westside Dr., Etobicoke, Ont. M9C 1B2.
18.	CGL	Cargill Grain Co.Ltd., 1414 Richardson Bldg., 1 Lombard Place Winnipeg 2, Man.
19.	CHH	Chemagro Ltd., 1355 Aerowood Drive, Mississauga, Ont. L4W 1C2.
20.	CHP	Chipman Chemicals Ltd., P.O. Box 9100, Stoney Creek, Ont. L86 3Z1.
21.	COF	Coghlan's Ltd., 235 Garry St., Winnipeg, Man. R3C 1H2.
22.	COI	Conn Chem Ltd., 24 Curity Ave., Toronto 16, Ont.
23.	COQ	Cooper Div. of Agropharm Ltd., Box 500, LaSalle, Que.
24.	COS	Copeland Laboratories Limited 41 Racine Road Rexdale, Ontario M9W 2Z6
25.	COU	F.D. Corry, Ste.105A, 471 Winnipeg St., Penticton, B.C.
26.	CUS	Cutter Laboratories International, 6023 Fifth St.S.E., Calgary 27, Alta.
27.	DIA	Diamond Shamrock Canada Ltd., 150 Consumers Rd., Willowdale, Ont.
28.	DIC	Diamond Alkali (Canada)Ltd., 197 Bartley Dr., Toronto, Ont.
29.	DIE	Diamond Laboratories (Canada)Ltd., 6420-1A St.S.W. Calgary, Alta.
30.	DIT	Ditchling Corp. Ltd., P.O. Box 395, Don Mills, Ont.
31.	DIV	Diversey (Canada)Ltd., 2645 Royal Windsor Dr., Clarkson Postal Station, Mississauga, Ont.
32.	DKB	De Kalb Canada Limited, Box 430, Chatham, Ontario.
33.	DOL	Dominion Veterinary Laboratories Ltd., 800 Main St., Winnipeg, Man.
34.	ELZ	Elston Industries Ltd., 1350 Church Ave., Winnipeg, Man.
35.	ENL	Environmental Laboratories Limited, 25 York Avenue, Toronto 334, Ont.
36.	FER	W.H. Perron & Co.Ltd., 515 Boul. Labelle, Chomedey (Laval) Quebec.
37.	FIR	Fireco Sales Ltd., 33 Racine Rd., Rexdale, Ont.

38.	FIT	A. W. Fish, Suite 6 - 6089 Lisdall St., Vancouver, BC. V5Z 3M9.
39.	FMC	FMC Canada Ltd., 1274 Plains Road East, Burlington, Ont.
40.	FOB	Winchester-Western (Canada) Ltd., P.O. Box 2007, Cobourg, Ont. K9A 4M1.
41.	FRD	Franklin Laboratories Ltd., 526-7th Ave. S.E., Calgary, Alta.
42.	FRM	Fraser Valley Mushroom Growers Co-op, 496 Prior St., Vancouver 4, B.C.
43.	GIE	George E. Gilbert Equipment Ltd., Box 206, Leamington, Ont.
44.	GIL	Fred Gillmore, 38 Greenbrac Ct., Scarborough, Ont.
45.	GLE	Glendale Agencies, 286 St. Paul St. W., Montreal, Que.
46.	GOO	Goodman and Co., 479 Granville St., Vancouver, B.C.
47.	GRE	Green Valley Fertilizer and Chemical Co. Ltd. P.O. Box 249, Surrey, B.C.
48.	HAU	Hartz Mountain Pet Supplies, Talbot St., St. Thomas, Ont.
49.	HAW	Haver-Lockhart Service, 3427 St. S.E., Calgary 27, Alta.
50.	HFC	Hercules Incorporated (Canada) Ltd., 1980 Sherbrooke St. West, Montreal, Que.
51.	HUB	Hunter brand Manufacturing Ltd., 95 Ouest St., Zotique, Montreal 327, Que.
52.	JOS	Ivan J. Jones, 78 Woodland Ave., Chatham, Ont.
53.	KEM	Kem-San Ltd., 1055 Industry St., Oakville, Ont.
54.	LEA	Leavens Bros. Ltd., 2555 Derry East, Mississauga, Ont.
55.	LEE	Legate and Tedder Ltd., P.O. Box 775, Orillia, Ont.
56.	LEI	P. Leiner and Sons (Canada) Ltd., 2175 Sheppard Ave. East, Ste. 206, Willowdale 425, Ont.
57.	LEY	Leytosan (Canada) Ltd., 343 Higgins Ave., Winnipeg, Man.
58.	LUV	J.G. Lundy P.O. Box 548 Shaunawon, Saskatchewan S0N 2N0
59.	MAH	Magnachem Ltd., 626-58th Ave. S.E. Zone 27, Calgary, Alta.
60.	MAK	Paul Mahew, Mahew and Mahew Inc., 319 Rue du Pont, Quebec, P.Q., G1K 6M2.
61.	MAL	Rudolph G. Malek, 3737 Piper Ave., Burnaby, B.C.
62.	MBY	May and Baker (Canada) Ltd., 180 Bellarmin St., Montreal 11, Que.
63.	MCE	McCain Produce Ltd., East Florenceville, N.B.
64.	MCC	McClelland Veterinary Supplies Ltd., P.O. Box 37, St. Hyacinthe, Que.
65.	MCG	W.J. McCracken & Son, Turf Supplies, Georgetown, Ont.
66.	MCH	McGoun Chemicals Ltd., 5820 Cote St. Francis, Montreal 395, Que.
67.	MCK	W.G. McKinnon, Ste. 201, 185 Bay St., Toronto, Ont.
68.	MCM	Donald MacGregor, 1200 York Mills Rd., Apt. 1605, Don Mills, Ont.
69.	MLL	Lawrence E. Miller, Apt. 504, 6000 Yonge St., Willowdale, Ont.
70.	MLS	Mine Safety Appliances Co. of Canada Ltd., 148 Norfinch Dr., Downsview, Ontario.
71.	MMR	McCarthy & McCarthy, P.O. Box 48, Toronto, Ontario, M5K 1E6. ATTN: ROBERT STERLING, ESQ.
72.	MOL	Monsanto Canada Ltd., P.O. Box 900, Montreal 3, Que.
73.	NAG	National Garden Supply of Canada Ltd., 145 Duke St. Bowmanville, Ont.
74.	NAQ	Naturalflo Maple Sap Plastic Tubing and Supplies Ltd., St. Emile De Montcalm, Que.
75.	NOE	Northland Machinery Supply Co. Ltd., P.O. Box 606, Station F, Thunder Bay, Ont.
76.	ORE	H.J. O'Reilly Plant Pathology Branch Department of Agriculture Victoria, B.C. D8W 2Z3

77.	PEJ	Penick Canada Ltd., 565 Coronation Dr., West Hill, Ont.
78.	PFL	Penncoalt of Canada Ltd., 700 Third Line Rd., Oakville, Ont.
79.	PIN	Lucien Pinet, 1010 Ste. Catherine St. West, Suite 341, Montreal, Que.
80.	PFF	Pfizer Co. Ltd., 404 N. Front St., Sarnia, Ont.
81.	PLG	Plant PRODUCTS Co. Ltd., 314 Orenda Rd., Bramalea, Ont.
82.	PSA	Provincial Pest Control Inc., 292 Decarie Blvd., St. Laurent, Montreal 376, Que.
83.	REE	Henry Reinders, Box 2, Drayton, Ont.
84.	REP	Harry D. Reid Agencies Ltd., 25 York Ave., Toronto 334, Ont.
85.	<b>ROA</b>	<b>Robinson Sales Agency, 5765 Buckingham Avenue, Burnaby, B.C., V5E 2A2.</b>
86.	ROP	Rogar/STB Div. of BTI Products Ltd., P.O. Box 213, 805 Castelnau St., Douville, St. Hyacinthe, Que.
87.	SAF	Sanex Pest Control Limited 6490 Bombardier Montreal, Quebec H1P 1E2
88.	SAG	Sanex PC Ltd., 232 Norseman St., Toronto 18, Ont.
89.	SEP	Sep-Ko Chemical of Canada Ltd., 1703 Mattawa Ave., Cooksville, Ont.
90.	SEV	Seven Cities Food Brokers Ltd., 898 King Edward St., Winnipeg 21, Man.
91.	SHH	Harry Sharp and Son, Ltd., 62 Malkin St., Vancouver 4, B.C.
92.	SIL	Norman Silver, 121 Richmond St. West, Ste. 905, Toronto, Ont.
93.	SMT	Mor. Pac Limited, P.O. Box 68, Burlington, Ont. K0K 1H0.
94.	SOJ	Soluja Ltee, 620 Cathcart, Ste. 400, Birks Bldg., Phillips Square, Montreal 111, Que.
95.	SOL	Solcoor Canada Limited, Suite 343, 1255 University, Montreal, P.Q.
96.	<b>STK</b>	<b>Sterwin Laboratories, Division of Sterling Drug Ltd., Aurora, Ontario, L4G 3H6.</b>
97.	SUH	Sumitomo Shoji Canada Ltd., Ste. 2301, Commerce Court West, P.O. Box 53, Commerce Court Postal Station, Toronto, Ont.
98.	TAC	The Tack Shop, 311-17th Ave. S.W., Calgary, Alta.
99.	TAY	Tom Taylor Co. Ltd., 136 Adelaide St. East, Toronto, Ont.
100.	THV	Thurson Limited, P.O. Box 73, Port Perry, Ontario.
101.	<b>TIS</b>	<b>Timber Specialties Ltd., 1376 Johnston Road, Suite 202, White Rock, B.C., V4B 3Z2.</b>
102.	VAN	Vansco Sales, P.O. Box 3957, Station D., Vancouver 9, B.C.
103.	VAR	Van Waters and Rogers Ltd., 2625 Skeena St., Vancouver, B.C.
104.	<b>VEF</b>	<b>The Vernon Fruit Union, 2601-32nd Street, Vernon, B.C., V1T 5L5.</b>
105.	VIR	Virchem of Canada Ltd., 1440 Tenth St. E., P.O. Box 307, Cornwall, Ont.
106.	WAG	G. A. Wagner, 1500 Stanley St., Ste. 531, Montreal 2, Que.
107.	WAL	Watkins Products Inc., 90 Annabella St. Winnipeg, Man.
108.	WEL	Wellcome Div. of Agropharm Ltd., P.O. Box 500, Lachine, Que.
109.	WER	Western Brand Products Ltd., 10584-107th St., Edmonton, Alta.
110.	WIW	Winchester-Western (Canada) Ltd., Brook Road North, Cobourg, Ont. K9A 4M1.
111.	ZOD	Zoecon Industries Limited P.O. Box 30 Port Perry, Ontario L0B 1N0

TABLE 2

INDEX OF REGISTRANT CODES		
CODE	NAME AND ADDRESS	ITEM
AAG	N V Aagrulol Chemical Works, Osterkade 10, Gronigen, Holland	1.
ABB	Agricultural and Veterinary Products Div., Abbott Labs., Abbott Park, North Chicago, Illinois 60064, U.S.A.	2.
ABE	Abell Waco Ltd., 246 Attwell Dr., Rexdale, Ontario. M9W 5B4.	3.
ABL	Able Atomic Pest Control Co., 1655 Edouard Laurin Blvd., Montreal 9, Que.	4.
ACE	Aceline Products Corp., P.O. Box 236, 27 Gorsham St., Rochester 5, N.Y., U.S.A.	5.
ACM	Acme Chemical Products, 299 Niagara St., Toronto, Ont. M6J 2L5.	6.
ACO	Acophram Div. of Noco Drugs Ltd., 24 Stable St., Toronto 15, Ont.	7.
ADE	Adroit Enterprises, Box 66, Station C., Winnipeg, Man.	8.
AEF	Aerosol Fillers Inc., 5475 Ramsay Rd., St. Hubert, Que.	9.
AER	Aerosol Blitzer Co., 12 Dell Park Ave., Toronto, Ontario. M6B 2T4.	10.
AGC	Agan Chemical Manufactures Limited, c/o Solchem Inc., 415 Madison Avenue, New York, N.Y. 10017, U.S.A.	10A.
AGB	AgBioChem Inc. 3 Fleetwood Court Orinda, California 94563	10.B
AGO	AGSCO Inc. Box 458 Grand Forks. North Dakota	10.C
AIG	Air Guard Control of Canada Ltd., 76 Martin Ross Ave., Downsview, Ont. M3J 2L4.	11.
AIK	Airkem of Canada Ltd., 1635 Sismet Rd., Mississauga, Ontario L4W 1W6	12.
AIR	Air-Way Distributor of Ontario, 3281 Yonge St., Toronto, Ont. M4N 2L8.	13.
ALL	Allied Chemical Canada Ltd., 1155 Dorchester Blvd. W., Montreal 102, Que.	14.
ALM	Alma Paint and Varnish Co. Ltd., P.O. Box 2274, Terminal A., London, Ont. N6A 4E8.	15.
ALR	Alfco Rokeby Co. Inc., 2nd and St. Clair Sts., Marietta, Ohio. 45750, U.S.A.	16.
ALS	Allied Chemical Services Ltd., 5507 First St.S.E., Calgary, Alta.	17.
ALT	Al-Si-Co Limitee, 150 Seigneuriale, Beauport, Que.	18.
ALW	Alberta Wheat Pool, Wheat Pool Building, 505-2nd Street S.W., Calgary, Alberta.	19.
AMC	Amchem Products Inc., Brookside Ave., Ambler, Pa. 19002, U.S.A.	20.
AMR	Americo Laboratories, 7330 Rue St., Hubert, Montreal, Que.	21.
AMV	Amvac Chemical Corp., 4100 East Washington Blvd., Los Angeles, California 90023, U.S.A.	21A.
AMW	Amway Sales Corp., 7575 E. Fulton Rd., Ada, Michigan, U.S.A.	22.
AMZ	Amway of Canada Ltd., Hwy. 135, R. R. # 4, London, Ont.	23.
ANA	Anbros Inc., 3312 Place Victoria, Montreal 115, Que.	24.
ANI	Animal Repellents Inc. P.O.Box 168, Griffin, Georgia 30223, U.S.A.	25.
ANS	Ansul Co., 1 Stanton St., Marinette, Wisconsin 54143, U.S.A.	26.
ANX	Anitox Corp., P.O. Box 3891 Corpus Christi, Texas 78704, U.S.A.	26A.
APB	Applied Biochemists Inc., 5300 W. County Line Rd., P.O. Box 25, Mequon, Wisconsin 53092, U.S.A.	27.
ARC	Arc Enterprises Ltd., 4686 Marine Dr., Burnaby 1, B.C.	28.
ATL	Laboratoire Atlas Engr., 4101 Notre-Dame St., Montreal, Que.	29.
ATS	Atlas Chemical Industries Canada Ltd., P.O. Box 1085, Brantford, Ontario N3T 5T2	29A.
AVC	Avitrol Corporation, P.O. Box 45141, Tulsa, Oklahoma 74145, U.S.A.	30.
AVM	Avmor Ltd., 431 St. Helen St., Montreal, Que.	31.
AVP	Avon Products of Canada Ltd., 5500 Trans Canada Highway, Pointe Claire, Que.	32.
AYH	Ayerst Laboratories, Div. of Ayerst, McKenna and Harrison Ltd., Box 6115, Montreal, Que.	33.
BAD	Baird and McGuire, Inc., Holbrook, Mass., U.S.A.	34.
BAI	Baird and McGuire Canada Ltd., 445 21st Ave., Lachine, Que.	35.

BAP	Bapco Paint Ltd., 201 Belleville St., Victoria, B.C.	36.
BAR	Barnett Chemical Products Co., 3018 Frankford Ave., Philadelphia, Pa. 19134, U.S.A.	37.
BAT	The N.M. Bartlett Manufacturing Co.Ltd., Box 490, Beamsville, Ont.	38.
BAX	Bayvet Corporation (Canada), 1355 Aerowood Drive, Mississauga, Ontario, L4W 1C2	38A.
BAZ	EASF Canada Ltd., 5850 Cote de Liesse Rd., Town of Mt.Royal, Que.	39.
BBE	B.B. Extermination Inc., 1805-5e Ave., Shawinigan-Sud, Que.	40.
BCC	B.C. Pest Control Ltd., 2511 W. Broadway, Vancouver 9, B.C.	41.
BEA	Beacon Chemicals Ltd., 234 Arvin Ave., Stoney Creek, Ont., L8E 2L8.	42.
BEC	Bell's Ltd., 15-15th St. W., Prince Albert, Sask.	43.
BEH	Bee Maid Honey Limited 625 Roseberry Street Winnipeg, Manitoba	43A.
BEM	M. Roger Bergeron, 1240 Gilford, Montreal 176, Que.	44.
BEN	Benjamin Moore and Co.Ltd., 15 Lloyd Ave., Toronto 9, Ont.	45.
BEP	Bernal Laboratories Ltd., 5485 Ramsay Rd., St. Hubert, Que.	46.
BET	F. Bertrand and Fils, 1414 St. Clement, Montreal 4, Que.	47.
BIE	Bikoe Manufacturing Co. Ltd., 434 Queen St. E., Toronto 2, Ont.	48.
BIG	Bio-Guard Canada Ltd., 2 Primrose Ave., Toronto, Ont.	49.
BIR	Birch Fumigators, 10540-101st., Edmonton, Alta.	50.
BLB	W.A. Blackburn, 1570 Lepine Sr., St. Laurent 9, Que.	51.
BLL	Bell Laboratories Inc., 3699 Kinsman Blvd., Madison, Wisconsin 53704, U.S.A.	51A.
BMC	B and M Chemicals, 290 York St., P.O. Box 94, Hamilton, Ont.	52.
BOD	Borderland Products Inc., Box 360, Buffalo, N.Y. 14240, U.S.A.	53.
BOY	Boyle-Midway (Canada) Limited, 2 Wickman Rd., Toronto, Ont. M8Z 5M5.	54.
BPC	BP Canada Ltd., 1245 Sherbrooke St. W., Montreal 25, Que.	55.
BRD	Bradford Fertilizer Co.Ltd., Box 1000, Bradford, Ont.	56.
BRF	Bristol-Myers Products Canada, 111 Richmond St. W., Toronto 110, Ont.	57.
BRG	The British American Chemical Co.Ltd., 1355 St. John St., Regina, Sask.	58.
BRH	British American Chemical Co.Ltd., 6321 Willard St., Burnaby 3, B.C.	59.
BRJ	Dr. L. P. Brisson, 350 Chemin Larocque, Valleyfield, Que.	60.
BRK	John H. Breck Ltd., 2031 Kennedy Road, Toronto, Ont. M1P 2M4.	61.
BRP	Stanley Brock Ltd., 145 Market Ave. E., Winnipeg, 2, Man.	62.
BRS	Brecks Sporting Goods Co. Ltd., 2560 Roy Street, P.O. Box 604, Sherbrooke, Quebec.	62A.
BRT	Brookdale-Kingsway Ltd., Dule St., Bowmanville, Ont. L1C 2W3.	63.
BUK	W. K. Buckley Ltd., 559 College St., Toronto 4, Ontario.	64.
BUL	Buckman Lab. of Canada Ltd., 1600 50th Ave., Lachine, Montreal 620, Que.	65.
CAA	Cadillac Products Reg'd., 373 Des Sables, Quebec, Que.	66.
CAF	Canada Packers Ltd., Chemical Division, 2200 St. Clair Ave. W., Toronto, Ont.	67.
CAI	Canada Packers Ltd., Fine Chemicals Div., 55 Glen Scarlett Rd., Toronto, Ont.	68.
CAL	Chempac Aerosales Ltd., 6041 St. S.E., Calgary 27, Alta.	69.
CAM	Canada West Products Co., 718 Second Ave. S.W., Calgary, Alta.	70.
CAO	Canadian Adhesives Ltd., 420 Marien Ave., Montreal East, Que.	71.
CAR	Canadian Copper Refiners Ltd., 1700 Bank of Nova Scotia Bldg., Toronto, Ont.	72.
CAT	Cantol Ltd., 199 Steelcase Rd., Don Mills, Ont.	73.
CAV	Canadian Germicide Co. Ltd., 591 The Queensway, Toronto 18, Ont.	74.
CAX	Canadian Hoechst Ltd., 100 Tempo Avenue, Willowdale, Ontario, M2H 2N8	75.
CAY	Canadian Industrial Chemicals Ltd., 660 Lepine St., Montreal, Que.	76.
CBA	Canadian Industries Ltd., Paints Div., P.O. Box 10, Montreal, Que.	77.
CBB	Canadian Industries Ltd., Box 5201, London, Ont. N6A 4L6.	78.
CBG	Canadian Saltfish Corp., Box 6088, Royal Trust Bldg., St. John's, Nfld.	79.
CBD	Canadian Sugar Factories Ltd., 306-10th St. S., Lethbridge, Alta.	80.
CBE	Canadian Tire Corp.Ltd., 837 Yonge Street, Toronto, Ont.	81.
CBG	Canadian Products Inc., 130 Boul. Industriel, Boucherville, Que.	82.
CBK	Congard Industries Ltd., 1377 Winnipeg Ave., Winnipeg 3, Man.	83.
CBL	Cardel Products, Box 125, Richmond Hill, Ont.	84.
CBM	Carbola Chemical Co. Inc., Sub. of Int'l., Talc Co.Inc., Natural Bridge, N.Y., U.S.A.	85.
CBR	Carmel Chemical Corp., P.O. Box 406, Westfield, Indiana, U.S.A.	86.
CBT	Carter Chemical Co. Ltd., 445-21st Ave., Lachine, Que.	87.
CER	Certified Laboratories of Canada Ltd., P.O. Box 460, Brampton, Ont.	88.
CET	Cerfact Laboratories, 1316 Blundell Road, Mississauga, Ontario L4Y 1M5.	
CGA	Ciba-Geigy Agr. Chem., Div. of Ciba-Geigy Can. Ltd., 1 Westside Dr., Etobicoke, Ont.	89.
CGC	Ciba-Geigy Canada Ltd., Consumer Products Div., 1 Westside Dr., Etobicoke, Ont.	90.
CHA	Chatfield Distributors Ltd., 168 Bannatyne Ave., Winnipeg 2, Man.	91.

CHD	Chapman Chemical (Canada)Ltd., Ste. 2601-1155 Dorchester Blvd. W., Montreal 2, Que.	92.
CHF	Chem Mark of Canada Ltd., 41 Maple Ave., Thornhill, Ont.	93.
CHG	Chemagro, A Div. of Baychem Corp., Box 4913, Kansas City, Missouri 64120 U.S.A.	94.
HH	Chemagro Limited 1355 Aerowood Drive Mississauga, Ontario L4W 1C2	94.A
CHM	Chempar Chemical Co.Inc., 260 Madison Ave., N.Y., N.Y., 10016, U.S.A.	95.
CHP	Chipman Chemicals Ltd., 400 Jones Rd., Stoney Creek, Ont. L8G 3Z1.	96.
CHR	Laboratories Choisy Ltée., Boulevard Est., Louisville, Que.	97.
CHV	Chevron Chemical (Canada)Ltd., Ortho Div. 3228 South Service Road, Burlington, Ont.	98.
CIJ	Circle Sales Janitor Supplies Ltd., 472 Mil St., P.O.Box 331, Kitchener, Ont.	99.
CLA	W.A. Cleary Corp.(Canada) Ltd., 48 Dundas St. W., P.O. Box 178, Belleville, Ont.	100.
CLI	Fred Cline and Associates, 4944 Xerxes Ave., S., Minneapolis, Minnesota 55410, U.S.A.	101.
CMS	Canadian Mill Supply Co.Ltd., 451 Ellesmere Rd., Scarborough 733, Ont.	102.
COA	Cobra International Inc., P.O. Box 995, Bayamon, Puerto Rico 00619.	103.
COI	Connecticut Chemicals Ltd., 24 Curity Ave., Toronto 16, Ont.	104.
COK	Continental Chemical Co., 4535 Hotel de Ville, Montreal 151, Que.	105.
COL	Collins Laboratories, R. R. 7, Simcoe, Ontario.	106.
CON	Consolidated Paint and Varnish Canada Ltd., P.O. Box 396, Montreal N 459, Que.	107.
COO	Cooke Laboratories Inc., 1939-41 Sergeant St., Philadelphia, Pa. 19215, U.S.A.	108.
COP	Co-operative Federee de Quebec, Marche Central Metropolitain, Montreal, Que.	109.
COQ	Cooper Div. of Agropharm Ltd., P.O. Box 500, LaSalle, Que.	110.
COR	William Cooper and Nephews Inc., 1909-25 Clifton Ave., Chicago, Ill. 60614, U.S.A.	111.
COS	Copeland Laboratories Ltd., 41 Racine Rd., Rexdale, Ont.	112.
COV	Cooper, McDougall and Robertson Ltd., Berkhamsted, England	113.
COX	Benoit Courteau, 38 C Beauchemin, Cap de la Madeleine, Que.	114.
COY	Mr. Marcel Cournoyer, Saint Jude Co. St.Hyacinthe, Que.	115.
CPL	Colgate Palmolive Ltd., 64 Colgate Ave., Toronto, Ont.	116.
CPV	Canadian Provimi Ltd. Juliana Drive, P.O. Box 217 Woodstock, Ontario	116A.
CRA	Colin Ross Aerosols Ltd., 2920 23rd Ave., S.W. Calgary 4, Alta.	117.
CRC	Cromac Chemicals Co.Ltd., 203 Bentworth Ave., Toronto, Ont.	118.
CRL	The Crown Diamond Paint Co. Ltd., 41 Bates Rd., Outremont, Montreal 8, Que	119.
CUB	Cuprinol Ltd., Adderwell, Frome, Somerset, England.	120.
CUT	Cutter Laboratories Inc., Fourth and Parker St., Berkeley, Ca. 94710, U.S.A.	121.
CNK	Conklin International Industries Ltd., 2250 Albert St., Regina, Sask. S4P 2V2.	122.
CUP	Currie Products Limited, 350 Wentworth St. N., Hamilton, Ontario L8L 5W3.	
CYC	Cyanamid of Canada Ltd., 635 Dorchester Blvd. West, Montreal, Que.	123.
DAB	Darling & Brady Limited 1384 Ave. Green Montreal, Quebec H3Z 2C1	123A.
DAC	Daco Lab. Ltd., 1222 Trafalgar St., London, Ont.	124.
DAK	Davies Irwin Ltd., 121 Bates Rd., Montreal 256, Que.	125.
DAL	Davis and Lawrence Co.(Canada)Ltd., 1690 Brampton St., Hamilton, Ont.	126.
DAR	Darworth Canada Ltd., 728 Renaud Ave., Dorval, Que.	127.
DEA	Deane and Co. (Div. of Isbru Co.Ltd.), 190 Oneida Dr., Pointe Claire 730, Que.	128.
DEE	Deer Park Chemical 110 Green Meadow Drive Deer Park, New York 11729 U.S.A.	128.A
DEF	Dean Distributors, 1901 Avenue Rd., Toronto, Ontario.	129.
DER	Debrox Chemical Products Ltd., 20 Milwick Dr., Unit 6A, Weston, Ont.	130.
DEX	Dexol Industries, 1450 West 228th Street, Torrance, California 90501, U.S.A.	130A.

DIA	Diamond Shamrock Canada Ltd., 150 Consumers Rd., Willowdale, Ont.	131.
DIB	Diamond Shamrock Corp., 300 Union Commerce Bldg., Cleveland, Ohio 44114, U.S.A.	132.
DID	Diamond Laboratories Inc., P.O. Box 863, Des Moines, Iowa 50304, U.S.A.	133.
DIE	Diamond Lab. (Canada) Ltd., 6420-1A St., S.W., Calgary, Alta.	134.
DIF	Diamond alkali Co., 300 Union Commerce Bldg., Cleveland, Ohio 44115, U.S.A.	135.
DIN	Dinaric Traders Ltd., 250 Bloor St. E., Ste No. 1, Toronto, Ont.	136.
DIS	Dispar Inc., 1321 De Lanaudiere, Joliette, Que.	137.
DIT	Ditchling Corp. Ltd., P.O. Box 395, Don Mills, Ont.	138.
DIV	Diversey (Canada) Ltd., 2645 Royal Windsor Dr., Clarkson Postal Stn., Mississauga, Ont.	139.
DOE	Dominion Pest Control Co., 877 Boyd Ave., Ottawa, Ont.	140.
DOL	Dominion Laboratories 170 Brockport Drive Rexdale, Ontario M9W 5C8	140.A
DOM	Dominion Stores Ltd., 605 Rogers Road, Toronto, Ontario.	141.
DOO	Domtar-Chemicals Ltd., Wood Preserving Div., 395 de Maisonneuve Blvd. West, Montreal 101, Que.	142.
DOW	Dow Chemical of Canada Ltd., Highway No. 40, Sarnia, Ont.	143.
DTG	Drug Trading Co. Ltd., 15 Ontario St., Toronto 2, Ontario.	144.
DUB	Dubois Chemicals of Canada Ltd., 64 Kenhar Drive, Weston, Ont., M9L 1N3.	145.
DUC	Duchesneau and Fils, 1386 Bord de L'eau, Ste. Dorothee, Ville de Laval, Que.	146.
DUH	N.V. Philips-Duphar, Apollolaan 151, Amsterdam-Zuid, Holland.	147.
DUK	Dussek Bros. (Canada) Limited P.O. Box 385 Belleville, Ontario K8N 5A5	147A.
DUQ	Du Pont of Canada Ltd., Box 26, Toronto Dominion Centre, Toronto 1, Ont.	148.
DUR	Dural Products Ltd., 550 Marshall Ave., Dorval, Que.	149.
DUS	Produits Durable Engr., 4219 Hogan St., Montreal 178, Que.	150.
DUT	Dustbane Enterprises Ltd., Dustbane Mfg. Div., Box 381, Terminal A, Ottawa, Ont.	151.
DUV	Distributeurs Duverney Inc., 6189 Levesque Blvd., Cite Laval, St. Vincent de Paul, Que.	152.
EAN	The T. Eaton Co. Ltd., 190 Yonge St., Toronto, Ont.	153.
EAT	J. T. Eaton and Co. Inc., 3110 West 65th St., Cleveland, Ohio.	154.
ECK	Eckroat Seed Co., 1106 North Eastern Ave., Oklahoma City, Oklahoma, U.S.A.	155.
ECO	Economic Products Co. Inc., P.O. Box 985, Shenandoah, Iowa 51601, U.S.A.	156.
ELA	Elanco Prod. Div. Eli Lilly and Co. (Canada) Ltd., P.O. Box 4037, Term. A, Toronto, Ont.	157.
ELI	Electric Insect Killer, 4219 Hogan St., Montreal 34, Que.	158.
ELL	Electric Reduction Co. of Canada Ltd., 2 Gibbs Rd., (Toronto), Islington 678, Ont.	159.
ELN	Electrolux (Canada) Ltd., 2751 Trans Canada Highway, Point Claire, Que.	160.
ELS	Elsco Co., 4330 West Hill Ave., Montreal 28, Que.	161.
EMA	Emery Industries Limited, 365 Evans Ave., Toronto, Ont. M8Z 1K2.	162.
EMP	Empire Maintenance Products Ltd., 80 West Drive, Bramalea, Ont. L6T 3T6.	163.
ENI	Ensign Industrials Ltd., P.O. Box 405, 33 Carlton St., St. Catharines, Ont.	164.
ESC	W. H. Escott Co. Ltd., 129 McDermot Ave. E., Winnipeg 2, Man.	165.
FAB	Faberge of Canada Ltd., P.O. Box 800, Downsview, Ont.	166.
FAC	Fairmount Chemical Co. Inc., 117 Blanchard St., Newark, New Jersey 07105.	167.
FAP	Familex products Co., 1600 rue Delorimier, Montreal, Que.	168.
FAR	Farnam Companies, Inc., 6847 North 16th St., Omaha, Nebraska 68112, U.S.A.	169.
FAV	Favorite Products Co. Ltd., 730 Salaberry St., Laval, Que.	170.
FED	Federal Grain Ltd., P.O. Box 1500, Winnipeg, Man.	171.
FEG	G.H. Ferguson Ltd., 2988 Burn Rd., Port Coquitlam, B.C.	172.
FEJ	Ferguson Fumigants (Canada) Ltd., 246 Attwell Dr., Rexdale, Ont.	173.
FEP	Federal Pest Control Reg'd., 3711 Belair St., Montreal 453, Que.	174.
FIL	The Filter Queen Corp. Ltd., 205 Norseman St., Toronto, Ont.	175.
FIS	Fisons (Canada) Ltd., 26 Prince Andrew Place, Don Mills, Ont	176.
FLC	Flecto Coatings Limited 4260 Vanguard Road, Richmond, British Columbia V6X 2P5	176.A
FLR	Produits Florence Products Inc., 5016 Papineau Ave., Montreal, Que	177.
FLY	Fly King Enterprises, 14 Cedar Springs Grove, Downsview, Ontario, M3H 5L2	177A.
FMC	FMC of Canada Ltd., 1274 Plains Rd., E., Burlington, Ont.	178.
FOF	Fossil Flower Company, P.O. Box 217, Station "H", Toronto, Ontario, M4C 5J2	178A.

FRA	Fran All International Inc. 4320 Rue Mageau Montreal, Quebec	178B.
FRC	Franklin Laboratories Inc., 1777 South Vellaire St., Denver, Colorado 80222, U.S.A.	179.
FRD	Franklin Laboratories Ltd., 526-7th Ave., S.E.Calgary, Alta.	180.
FUB	Fuller Brush Co. Ltd., 1115 Guelph Line, Burlington, Ont.	181.
FUL	Fuller System Inc., 226 Washington St., Woburn, Mass. 01801, U.S.A.	182.
FUM	Fumi-Products Co. Ltd., Box 466, Terminal A, Ottawa, Ont., K1N 8S3.	183.
GAC	Gaetz Cornett Drug and Book Co., 4901 Gaetz Ave., Red Deer, Alta.	184.
GAH	Garden Hose Spray Co., P.O. Box 459, Rt.No.107 Province Rd., Laconia, New Hampshire 03246, U.S.A.	185.
GAL	The Gardeners Sales Ltd., Chemical Div., 984 Powell Ave., Winnipeg 1, Man.	186.
GAP	Gardo Products Ltd., C.P. 100, Waterloo, Que.	187.
GAX	Garox Chemicals Inc., R.R. #1, Binbrook, Ontario, L0R 1C0	187A.
GCH	Gaston Charbonneau Floral Ltd., Laval, Quebec.	187B.
GCP	Green Cross Products, Div. of Ciba Co.Ltd., 2875 Centre St., Montreal 104. Que.	188.
GEI	Geigy Consumer Products, Div. of Geigy Canada Ltd., Brighton, Ont.	189.
GEK	General Pest Control Co.Ltd., 127 Charing Cross, Brantford, Ont.	190.
GEN	General Paint Corp. of Canada Ltd., 950 Raymur Ave., Vancouver 6, B.C.	191.
GEP	General Paint Corp. of Canada Ltd., Colorizer Div., 950 Raymur Ave., Vancouver, B.C.	192.
GER	T. E. Gerhardt, Box 17, Fort Fraser, B.C.	193.
GHI	G. H. Import Co., 4275 rue Iberville, Montreal, Que.	194.
GOC	Goddard Chemicals (1965) Ltd., P.O. Box 328, Sidney, B.C.	195.
GOF	Goodfellow Lumber Ltd., 101 Stinson Street, Montreal, Quebec, H4N 2E4	195A.
GRA	Greenleaf Garden Supplies Ltd., 4612 Dawson St., Burnaby 2, B.C.	196.
GRB	Great Lakes Biochemicals Co. Inc., 6120 West Douglas Ave., Milwaukee, Wisc. 53218, U.S.A.	197.
GRC	Great Lakes Chemical Corp., c/o Laurence and Laurence, 753 Warner Bldg., Washington D.C. 20004, U.S.A.	198.
GRD	The Greenskeeper Inc., Div. of Lawn-A-Mat, 11 Sydenham St., Dundas, Ont.	199.
GRE	Green Valley Fertilizer and Chemical Co., P.O. Box 249, Surrey, B.C.	200.
GRG	W.E. Greer, Ltd., 14704-119 Ave., Edmonton, Alta.	201.
GRI	Dr. Grignon Ltd., Veterinary Pharmacy, 208 St.Paul St., West, Montreal 1, Que.	202.
GRO	Growers Supply Co. Ltd., 421 Cawston Ave., Kelowna, B.C.	203.
GRP	Gray Products, 37 Hanna Ave., Toronto, Ont, M6K 1W9.	204.
GUA	Guardian Chemicals, 1600 Toronto St., Regina, Sask.	205.
GUC	Guardian Chemicals Fort Saskatchewan Alberta	205.A
GUF	Gulf Agricultural Chemicals Co., 882 St. James St., Winnipeg, Man.	206.
GUM	Gulfoil Canada Ltd., 800 Bay St., Toronto 5, Ont.	207.
GUS	Gustafson Manufacturing Inc., Hopkins, Minnesota 55343, U.S.A.	208.
HAB	Walter Haertel Co., 2840 Fourth Ave. S., Minneapolis, Minn. 55408, U.S.A.	209.
HAC	Rolf C. Hagan Ltd., 3225 Sartelon St., Montreal 9, Que.	210.
HAE	Handy Chemicals Ltd., 1850 Ste.Helene Ave., Jacques Cartier, P.Q.	211.
HAF	Hancock Laboratories, Box 1407, Summerside, P.E.I.	212.
HAG	G.C.Hanford Mfg.Co.Ltd., Kingston, Ont. W., Brockville, Ont.	213.
HAU	Hartz Mountain Pet Supplies Ltd., 1125 Talbot St., St. Thomas, Ont.	214.
HAV	Haver-Lockhart Laboratories, P.O. Box 390, Shawnee, Kansas 66201, U.S.A.	215.
HEF	Hercule Mfg. Reg'd, 7538 St-Gerard, Montreal, Que.	216.
HEG	Heritage Manufacturing Co.Ltd., P.O.Box 265, 60 Alness St., Downsview, Ont.	217.
HEP	Herculite Protective Fabrics Corp., 1107 Broadway, New York City, N.Y. 10010, U.S.A.	217A.
HET	Louis Hert & Associates Ltd., 119 Yorkville Avenue, Toronto, Ontario, M5R 1C4	217B.
HEB	Hercules Agricultural Chemicals, Synthetics Dept., 910 Market St., Wilmington, Delaware 19899, U.S.A.	218.
HOH	Home Hardware Stores Ltd. 34 Henry Street West Kitchener, Ontario N0B 2N0	218.A
HOK	Hopkins Agricultural Chemical Co., P.O. Box 7532, Madison, Wisconsin 53707, U.S	218B.
HOL	H.I. Holcomb Mfg. Co., Canada Ltd., 890 Caledonia Rd., Toronto 395, Ont.	219.
HOQ	Hooker Chemical Corp., P.O. Box 344, Niagara Falls, New York, U.S.A.	220.
HOS	House of Sturgeon (National) Ltd., 200 Norelco Dr., Weston, Ont.	221.

HOY	Houston Chemical Co., Div. of PPG Industries Ltd., One Gateway Center, Pittsburgh, Penn. 15222, U.S.A.	222.
HUD	Hudson's Bay Co., Winnipeg, Manitoba.	223.
HUL	Huntington Lab. of Canada, 15 Victoria Crescent, Bramalea, Ont.	224.
HUN	H.S. Hunnisett Limited, 200 Wicksteed Ave., Toronto, Ont. M4G 2B6.	225.
HYD	Hydroponic Chemical Co. Inc., P.O. Box 97-C, Copley 21, Ohio, U.S.A.	226.
HYN	Hysan Corporation, 919 west 38th.St. Chicago, Illinois 060609,U.S.A.	227.
HYP	Hyde Park Chemical 170 Dupont Street Plainview, New York 11803 U.S.A.	227.A
ICI	ICI America Inc., Wilmington, Delaware 19899, U.S.A.	228.
IDA	Cie Ideal Import Ltee, 10,000 Parkway Blvd., Ville d'Anjou, Montreal 437, Que.	229.
IGA	I.G.A. Canada Limited, 790 Bay St., Toronto, Ont. M5G 1P1.	230.
IMP	Imperial Oil Ltd., Chemical Products Dept., 111 St. Clair Ave. W., Toronto, Ont.	231.
INA	Independent Druggists Alliance Distributing Co.Ltd., 15 Ontario St., Toronto, Ont.	232.
IND	Industrial Supply House, 2811 Dufferin St., Toronto 19, Ont.	233.
INJ	International Diatoms Ltd., 1125 Mont Royal St. Est, Montreal 176,Que.	234.
INL	International Minerals and Chemical Corp., (Canada)Ltd., 4 King st. W. Room 1302, Toronto 105, Ont.	235.
INP	International Paints (Canada)Ltd., 126 Harbour Ave., North Vancouver, B.C.	236.
INR	International Stock Food Co.Ltd., 1020 Dupont St., Toronto 4, Ont.	237.
INS	C V International Paints, 490 Des Meurons St., Winnipeg, Man. R2H 2P5, Canada.	238.
INT	Interprovincial Co-ops Ltd., 151 City Centre Dr., Suite 801, Mississauga, Ontario.	239.
INV	Interprovincial Co-operatives Ltd., 123 rue Halifax, Moncton, N.B.	240.
ITT	International Two Thousand Inc., P.O. Box 94511, Oklahoma City, Oklahoma 73109, U.S.A.	240A.
JBD	J.B. and D. Co.Ltd., Unionville, Ontario.	241.
JBL	JBL Laboratories 1001 E. Cass Street St. Johns, Michigan 48879	241.A
JET	Jet-Aer Corp., 100 Sixth Ave., Paterson, N.J. 07524, U.S.A.	242.
JIT	LaCie, Produits Jito Ltee, 5130 rue St-Hubert, Montreal, Que.	243.
JOE	Johnson's Extermination and Pest Control Service, Minden,Ont.	244.
JOH	S.C. Johnson Pressurized Products Ltd., 1 Webster St., Brantford,Ont.	245.
JON	Johnson Nurseries (Kingston)Ltd., 155 Brock St., Kingston, Ont.	246.
JUD	Judd Ringer Corp., 6860 Flying Cloud Dr., Eden Prairie, Minnesota 55343, U.S.A.	247.
KAL	Kalium Pct Products Ltd., Albert St., Redditch, Worcestershire, England.	248.
KEG	Kelly Green Horticultural Products, Box 2111,Terminal A, London, Ont.	249.
KEK	Kem Manufacturing Canada Ltd., 1316 Blundell Rd., Mississauga, Ont.	250.
KEL	Kenir(Chemical) Industries, Inc., 2104 Maury St., Des Moines, Iowa 50301, U.S.A.	251.
KEM	Kem-San Products Ltd., 1055 Industry St., Oakville, Ont.	252.
KEN	Kensol Products Ltd., 1120 McDonald St., Regina, Sask.*	253.
KEO	Kennecott Copper Corp., Special Prod. Div., 6065 Hillcroft, Ste.500, Houston, Texas 77036, U.S.A.	254.
KER	Kerr-McGee Chemical Corp., Kerr-McGee Bldg., Oklahoma City, Oklahoma 73102, U.S.A.	255.
KET	Kert Chemical Industries Inc., 171 Fenmar Drive, Weston, Ont.	256.
KEY	Key Chemicals Inc., P.O. Box 37, Anacortes, Washington 98221,U.S.A.	257.
KIK	King Kratz Corp., 2465 Rock Island Blvd., Maryland Heights, Mo. 63043, U.S.A.	258.
KIN	King Calcium Products Co.Ltd., P.O. Box 99, Campbellville,Ont. LOP 1B0.	259.
KLN	Kleen Craft Products Ltd., P.O. Box 3234, Vancouver 3, B.C.	260.
KOC	Kocide Chemical Corp., 12701 Alameda Road, P.O. Box 45539, Houston, Texas 77045, U.S.A.	260A.
KRA	Kraemer Tool and Manufacturing Co., 190 Milvan Drive,Weston,Ont.,M9L 129.	261.
KVK	K V L Limited, Queen St. West, Cambridge, Hespeler, Ont.	262.
KVL	K-Vet Laboratories Ltd., P.O. Box 878, Hespeler, Ont.	263.

IAC	Laboratoire Dr. Pierre, 294 St-Paul ouest, Montreal, Que.	264.
IAD	Joseph Iabonte and Fils Inc., Chemin Chambly, Longueuil, Que.	265.
LAI	Lamb Naturalflow, Inc. P.O. Box 278, Liverpool, N.Y. 13098, U.S.A.	266.
LAL	Lalco Limitee, 4570 Mentana, Montreal Que.	267.
IAR	Larkin Lumber Co.Ltd., Malton, Mississauga, Ont.	268.
IAT	Later Chemicals Ltd., 320 Lysander Lane, Richmond, B.C.	269.
LAU	Laurentian Laboratories Ltd., 70 Hymus Blvd., Pointe Claire 730, Que.	270.
LAV	Laurentide Chemicals Inc., 4650 5e Ave., Shawinigan-Sud, Que.	271.
LAW	Compagnie Lavo, 1880 rue Chambly, Montreal, P.Q. H1W 3J2.	272.
LED	E.H.Leitte Co. of Canada, 88-24th St. East, Saskatoon, Sask.	273.
LEG	Lepage's Ltd., 50 West Dr., Bramalea, Ont.	274.
LEO	Lemoine Tropica, Inc., 2115 Old Orchard Ave., Montreal 260, Que.	275.
LET	Lethelin Products Co. Inc., 15 MacQuesten Parkway So., Mount Vernon, New York, U.S.A.	276.
LEW	Lewis Cattle Oiler Co., Box 28, Oak Lane, Man.	277.
LID	Harris Lindsay, Rear 2 Givins St., Toronto, Ont. M6J 2X6.	278.
LIE	G.J. Liebich (Canada)Ltd., 394 Gertrude Ave., Winnipeg 13, Man.	279.
LIO	Lion Insecticide Co. Ltd., No.24, 2-Chrome Andojibashi-dori, Minami-ku, Osaka, Japan.	280.
LOB	Loblaw Groceterias Ltd., 545 Lake Shore Blvd., West, Toronto, Ont.	281.
LOR	Dr. Leo Lurrair Laboratories Ltd., 203 Place Youville, Montreal 1, Que.	282.
MAG	Magna Corp., 11808 South Bloomfield Ave., Santa Fe Springs, California 90670, U.S.A.	283.
MAH	Magnechem Limited, 626 - 58th Ave. S.E. Zone 27, Calgary, Alta.	284.
MAJ	Mackenzie and Feimann Ltd., 970 Malkin Ave., Vancouver, B.C.	285.
MAP	Mallinckrodt Chemical Works Ltd., 600 Delmar Ave., Pointe Clair, Que.	286.
MAR	Manchester Products Ltd., 87 Ainslie St. S., P.O. Box 204, Galt, Ont.	287.
MAT	Maple Leaf Mills Ltd., 417 Queensway W., Toronto, Ont.	288.
MAW	Magic White Western Ltd., 1336 Lorne Street, Regina, Sask.	289.
MAZ	Les Produits Marc-O Limitee, Case Postale 604, 3175, rue Girard, Trois-Rivieres, Que.	290.
MBB	Marine Electrolysis Eliminator Co., 1137 Hanford, Seattle, Washington 98134, U.S.A.	291.
MBE	Marquette Products Ltd., 25 Courcelette St., Quebec, Que.	292.
MBM	Bob Martin (Export) Ltd., Houghton St., South Part, Lancashire, Eng.	293.
MBS	E. M. Matson Jr. Co., 7808 8th Ave. S., Seattle, Washington 98108, U.S.A.	294.
MBY	May & Baker (Canada) Ltd., 200 Bellarmin St., Montreal, Que. H2P 1G5.	295.
MCC	McClelland Veterinary Supplies Ltd., P.O. Box 37, St. Hyacinthe, Que.	296.
MCE	Monclair Exterminating Reg'd, 203 Place Youville, Montreal 125, Que.	297.
MCI	McIntyre's, P. O. Box 295, Swift Current, Sask.	298.
MCL	McKague Chemical Company Ltd., 100 Midwest Rd., Scarborough, Ont.	299.
MCN	Marchan Co., 790 Bay Street, Toronto, Ontario.	300.
MCO	John G. McKirdy, 547 S. Syndicate Ave., Thunder Bay F, Ont.	301.
MCS	Maritimes Coop. Service, Price Street Warehouse, Moncton, N.B.	302.
MCX	McEwen's Pharmacy, Box 190, Westport, Ont.	303.
MEC	Merck Sharp and Dohme Canada Ltd., P.O. Box 899, Pointe-Claire, Dorval 700, Que.	304.
MED	Medical Supply Co., 1027 W. State St., Rockford, Ill., 61101, U.S.A.	305.
MEL	Mel's Enterprises, P.O. Box 2339, Station "C", Downsview, Ontario, M3N 2V8	305A.
MEN	Produits Menagers du Quebec Inc., 644 rue Dollard, Quebec 8, Que.	306.
MER	Merzat Industries Ltd., Suite 602, 101 Richmond St. W., Toronto, Ont.	307.
MET	Metasol Canada Ltd., P.O. Box 2000, Pointe Claire, Dorval 700, Que.	308.
MEX	Produits Sanitaires Meteor Inc., 903 Boul. Rosemont, Montreal, Que.	309.
MGK	McLaughlin Gormley King Company, 8810 Tenth Ave. North, Minneapolis, Minnesota 55427, U.S.A.	310.
MIC	Michael's Equipment and Industries Ltd., P.O. Box 232, Terminal A Ottawa, Ontario.	311.
MIF	Midland Laboratories Inc., P.O. Box 1225, Aurora, Illinois 60507.	312.
MIJ	Midwest Supplies Ltd., 730 Madison St., Winnipeg 12, Man.	313.
MIL	R. G. Mitchell, Pharmacist, 309 N. Algoma St., Thunder Bay, Ont.	314.
MMC	Miller-Morton Co. Canada Ltd., 1912A Avenue Road, Toronto 380, Ont.	315.
MOA	Momar (Canada) Ltd., P.O. Box 2400, Don Mills, Ont.	316.
MOB	Mobil Paint Co., 645 Coronation Dr., P.O. Box 200, West Hill, Ont.	317.
MOD	Modern Pool Products, 737 Canal St., Stanford, Connecticut 06902, U.S.A.	318.
MOG	The Mogul Corp. of Canada Ltd., 8400 Cote de Liesse, Ville St-Laurent, Montreal, Que.	319.
MOL	Monsanto Canada Ltd., P.O. Box 900, Montreal 3, Que.	320.
MOM	L. Morency and Fils Inc., P.O. Box 278, Montreal North, Que.	321.

MON	Montreal Pest Control Inc., 8189 St. Hubert St., Montreal 11, Que.	322.
MOP	Moore Sales, 24 Sable St., Toronto 15, Ont.	323.
MOR	Moran Chemical Co.Ltd., 7944-48-14th Ave., St. Michel, Montreal	324.
MRG	Mr. Groom Products, 1097 Goffle Road, Hawthorne, N.J. 07506, U.S.A.	325.
MRP	Mont-Royal Paints Inc., 5669 Casgrain St., Montreal 14, Que	326.
MRZ	Marzone Chemicals Ltd., P.O. Box 209, Brooklin, Ont.	327.
MTC	M.T.C. Pharmaceuticals Ltd., 1890 Brampton St., Hamilton, Ont.	328.
MUC	Mursatt Chemicals Ltd., 70 Belfield Rd., Unit 70, Rexdale, Ont. M9W 1G3.	329.
MUL	Muskol Ltd., 244 Pleasant St., Truro, N.S.	330.
MUS	Mushroom Supply Co., Toughkenamon, Pa.; U.S.A.	331.
MYS	Mysto, Inc., Suite 701, 3333 est Boul. Metropolitan, Montreal 455, Que.	332.
NAA	National Chemical Exterminating Co.Ltd., 1430 Clark St., Montreal, Que.	333.
NAC	National Chemsearch of Canada Ltd., 245 Orenda Rd., Bramalea, Ont.	334.
NAL	National Grain (1968) Ltd., 517 Grain Exchange Bldg., Winnipeg 2, Man.	335.
NAP	Nor-Am Agricultural Products Ltd., 345 Higgins Ave., Winnipeg, Man.	336.
NAS	National Silicates Ltd., P.O. Box 69, Toronto, Ont. M8V 3S7.	337.
NAT	National Laboratories, Div. of Sterling Drug Ltd., 37 Manna Ave., Toronto, Ontario.	338.
NIA	Niagara Chemical Division of Reichhold Ltd. 1274 Plains Road East Burlington, Ontario L7S 1W6	339.
NIM	Nip-Co Mfg. Ltd., 56 Newcastle St., Toronto 18, Ontario.	340.
NIS	Nissin Denka Co.Ltd., 14-2 Yonchome Nihonbashi-Honcho, Chuc-Ku, Tokyo, Japan.	341.
NNP	Northern Paint Co.Ltd., 394 Gertrude Ave., Winnipeg 13, Man.	342.
NOA	The Northern Paint and Varnish Co.Ltd., P.O. Box 217, Owen Sound, Ont.	343.
NOC	Noco Drugs Ltd., 24 Sable St., Toronto 15, Ontario.	344.
NOD	Northern Drug Co., Box 160, Wetaskawin, Alta.	345.
NOP	Northern Stag Industries Ltd., Box 73, Rockwood, Ont.	346.
NOR	Norwich Pharmacal Co., Ltd., P.O. Box 2002, Paris, Ont.	347.
NOT	Nott Manufacturing Co.,Inc., Pleasant View Rd., Pleasant Valley, N.Y. 12569, U.S.A.	348.
NOW	Northern Wood Preservers Limited, Box 2990, Thunder Bay, Ont. P7B 5G5.	349.
NOX	Noxall Products Ltd., 1820 W. 3rd Ave., Vancouver 9, B.C.	350.
NOZ	Noxzema Chemical Co. of Canada Ltd., 77 Park Lawn Rd., Toronto 18, Ont.	351.
NPO	Napco-Protex Inc., 101 rue de la Barre, Boucherville, Que.	352.
NSS	National Sanitation Services Ltd., 485 - 1st Ave. North, Saskatoon, Sask. S7K 1X5.	353.
NUA	Nulife Pet Remedies Ltd., 1820 West 3rd Ave., Vancouver, B.C.	354.
ODD	Occidental Chemical Co., P.O. Box 1185, Houston, Texas 77001, U.S.A.	354A.
OLB	Ole Time Woodman's Line, Box 134, Stratham, New Hampshire 03885, U.S.A.	355.
OLC	Olin Corp., P.O. Box 991, Little Rock, Ark. 72203, U.S.A.	356.
OLD	Olin Corporation, 2625 Skeena St., Vancouver, B.C.	357.
OLH	Oliver Chemical Co. (Lethbridge) Ltd., 249 Strafford Dr., Lethbridge, Alta.	358.
OLN	Oliver Industries Ltd. P.O. Box 595, Langley, B.C.	359.
OLS	Oliver Industrial Supply Ltd., 236-36 St. North, Lethbridge, Alta. T1J 4B2.	360.
OLY	Olympic Stain, A Div. of Comercio Inc., 1148 N.W. Leary Way, Seattle, Washington 98107, U.S.A.	361.
ONE	One Time Package Products Inc., 5 Diamond Ave., P.O. Box 333, Bethel Conn. 06801, U.S.A.	362.
ORM	Ormond Veterinary Supply Ltd., P.O. Box 642, Hamilton, Ont. L8N 3K7.	363.
OSD	Osmose Wood Preserving Co. of Canada Ltd., 1080 Pratt Ave., Montreal 154, Que.	364.
PAA	Pace National Corp., 500 7th Ave. So., Kirkland, Washington 98033, U.S.A.	365.
PAU	la Compagnie Paula Ltée., 21 St. Paul Est., Montreal, Que.	366.
PEA	Pearson's Antiseptic Co. of Canada Ltd., P.O. Box 694, Brockville, Ont.	367.
PFB	Peerless Industrial Chemicals Ltd., Chemitek Div., 6110 1A St. S. W., Calgary, Alta.	368.
PEC	Peinture Nationale Ltée., 1556 St. Vallier Ouest, Québec 8, Que.	369.
PED	Pennsalt Chemicals of Canada Ltd., 970 Malkin Ave., Vancouver 3, B.C.	370.
PEI	S.B. Penick and Co., 100 Church St., New York, New York 10008, U.S.A.	371.
PEK	Pennwalt Corp. P.O. Box 1297, Tacoma, Washington 98401, U.S.A.	372.
PEL	Pennwalt of Canada Ltd., 700 Third Line Rd., Oakville, Ont.	373.
PEM	Pestroy Co., 877 Boyd Ave., Ottawa, Ont.	374.
PEN	The Pestroy Co. Ltd., 980 Crevier St., St. Laurent, Montreal 379, Que.	375.

PEO	Pes-San Products Ltd., 661 Montreal St., Kingston, Ont.	376.
PEV	John and Walter Petrunka, R. R. 3, Thunder Bay, Ont.	377.
PFC	Petrofina Canada Ltd., P.O. Box 3006, Station B, 1 Place Ville-Marie, Montreal 113, Que.	378.
PFE	Pfizer Co. Ltd., 50 Place Cremazie, Montreal, Que.	379.
PFF	Pfizer Co. Ltd., 404 N. Front St., Sarnia, Ont.	380.
PHL	Phostoxin Sales of Canada Ltd., 1100 Craig St. E., Montreal, Que.	381.
PHP	Phillips Paint Products Ltd., 306 King St., Winnipeg 2, Man.	382.
PHT	Phytevrop S.A., 21 Blvd., Malesherbes, Paris Ville, France.	383.
PHY	Phillips Yeast Products Ltd., Park Royal Rd., London NW 10 7JX.	384.
PIC	Pic Corporation, 1150 Sylvan St., Linden, New Jersey 07036, U.S.A.	385.
PIC	Pic Corporation, 28-30 Confield St., Orange, New Jersey 07050, U.S.A.	386.
PIE	Pied Piper Products Ltd., 3129 Kingsway, Vancouver 16, B.C.	387.
PIJ	Pike and Co. Ltd., 10039-101A Ave., Edmonton, Alta.	388.
PIO	Pioneer Grain Co. Ltd., 2500 Richardson Bldg., One Lombard Place, Winnipeg e, Man.	389.
PIT	Pitman-Moore Ltd., 690 Progress Ave., Units 1 and 2, Scarborough, Ont. M1H 3A6.	390.
PLA	Plains Manufacturing Co., Box 581, Lexington, Nebraska, U.S.A.	391.
PLG	Plant Prod. Co. Ltd., 314 Orenda Rd., Bramalea, Ont.	392.
POL	Maurice Pollack Ltd., 750 est. Boul. Charest, Quebec 2, Que.	393.
POM	Pool Man Limited, 1770 Albion Rd., Rexdale, Ont.	394.
POP	N.L. Poulin Ltd., 24 Marion Place, Winnipeg 6, Man.	395.
PPC	Pet Products Co., P.O. Box 232, Station E., Hamilton, Ont.	396.
PRD	Prentiss Drug & Chemical Co. Inc., 363-7th Ave., New York, N.Y. 10001, U.S.A.	397.
PRE	Pressurized Products Ltd., R. R. No.1, Belle River, Ont.	398.
PRF	Professional Ecological Services, 1230 St-Patrick St., Victoria, B.C.	399.
PRG	Proctor & Gamble, P.O. Box 355, Terminal A, Toronto, Ont.	400.
PRL	L. Vegh's 'Preventative Systems', International Chemical Cosmetic & Services Laboratories, 11-426 Hazel Street, Waterloo, Ontario N2L 3P8.	
PRO	Progressive International Mfg. Ltd., P.O. Box 3025, Terminal A, London, Ontario, N6A 4H9.	401
PRP	Produits Pressure Prod.Div. of Pentagon Chem.Ltd., 170 Boul de l'Industrie, Candiac, Que.	402.
PRS	Professional Garden Co. Ltd., 1108 6th St. S.E., Calgary 21, Alta.	403.
PRV	Provigo Inc., 800 Dorchester O., Suite 400, Montreal, P.Q., H3B 1Y2.	404.
PRX	Protex Corp. of Can.Ltd., 6200 de Chateaubriand, Montreal, Que.	405.
PSA	Provincial Pest Control Inc., 292 Decaire Blvd., St. Laurent Montreal 376, Que.	406.
PUG	Puroguard Insecticide Limited 2760 Rue Paulus Ville St. Laurent, Quebec H4S 1G1	406.A
PUR	Purex Corporation, 44 Clayson Rd., Weston, Ontario.	407.
QUE	Quinte Pest Control, 85 Stephen St., Kingston, Ont.	408.
RAL	Ralston Purina Co., Ltd., 404 Main St., Woodstock, Ont.	409.
RAM	Ramex Pest Control Prod., S. Hwy 19, Madison S. Dakota 57042, U.S.A.	410.
RAW	The W. T. Rawleigh Co. Ltd., 4005 Richelieu St., Montreal, Que.	411.
REC	Record Chem Co. Inc., 740 Monte de Liesse Rd., Montreal, Que.	412.
RED	Redbud Prod.Co. Inc., P.O. Box 1056, Anderson, Ind. 46015, U.S.A.	413.
REL	Red Line Chem. Ltd., 71 Portland St., Toronto 18, Ont.	414.
REO	Reindeer Organic Co.Ltd., 5306 Pat Bay Hwy., Victoria, B.C.	415.
RER	Reliable Exterminators Ltd., 464 Dawes Road, Toronto, Ont.	416.
RES	Rentokil Laboratories Ltd., Felcourt, East Grinstead, Essex, England.	417.
REX	The Rexall Drug Co.Ltd., 2501 Stanfield Rd., Cooksville, Ont.	418.
RHD	Rhodia Inc., Chipman Div., 120 Jersey Ave., P.O. Box 2009, New Brunswick, N.J., U.S.A.	419.
RIA	Charles Riess & Co., 877 Wall St., Winnipeg 10, Man.	420.
RIC	Richelieu Industries, 410 Blvd. Laurier, Mont St. Hilaire, Que.	421.
RIE	Riess Products Co., 9302-111th Ave., Edmonton, Alta.	422.
RIL	Richardson's Extermination Ltd., 202 Laird Dr., Toronto, Ont.	423.
RIM	Richmond Paint & Chemical Co., 585 No.3 Rd., Richmond, B.C.	424.
ROA	Roachmaster of Canada Ltd., 440 Brimley Rd., Unit 11, Scarborough, Ont. M1J 1A1.	424A.
ROB	Robok Industries Limited, 270 Sherman Avenue N., Hamilton, Ontario L8L 6N4	424B.
ROG	Robertson Seeds Ltd., 8118-103rd St., Edmonton, Alta.	425.
ROH	Rohm and Haas Canada Limited, 2 Manse Rd., West Hill, Ont. M1E 3T9.	426.
ROK	Robinson and Webber Ltd., 1569 Orange St., Winnipeg, Man. R7E 3B5,	427.
RON	Rockhill Produce Ltd., 422 Railway St. Vancouver 4, B.C.	428.

ROO	Fotospray Systems Ltd., 464 Dawes Rd., Toronto 374, Ont.	429.
ROP	Rogar/STB Div. of BTI Products Ltd., P.O.Box 213, 805 Castleneuve St., Douville, St.Hyacinthe, Que.	430.
ROR	Frank T. Ross and Sons 1962 Ltd., Box 248, West Hill, Ont.	431.
ROS	Ross Daniels Inc., 1720 Fuller Rd., P.O. Box 430, West Des Moines, Iowa 50265, U.S.A.	432.
RPC	Research Products Co., P.O. Box 1057, 1835 East North Street, Salina, Kansas 67401, U.S.A.	432A.
RUG	Rougie Inc., 506 est Sainte-Catherine, Montreal 132, Que.	433.
SAJ	Safety Vermin Control Ltd., 504A Kent St., Ottawa 4, Ont.	434.
SAF	Sanex PC Ltd., 6490 Bombardier, Montreal 38, Que.	435.
SAG	Sanex PC Ltd., 232 Norseman St., Toronto 18, Ont.	436.
SAJ	Sanitized Process (Canada) Ltd., Ste. 1700, 2200 Yonge St. Toronto 299, Ont.	437.
SAK	Sanivore Inc., Box 55, Longueuil, Que.	438.
SAL	Salisbury Laboratories Ltd., 209 Manitou Rd., Kitchener, Ont.	439.
SAM	Produits Sanitaires Laurentide Inc., C.P.65, Drummondville, Que.	440.
SAN	Sanfax Industries Ltd., 1650 South Service Road, Trans Canada Highway, Dorval 76, Que.	441.
SAQ	Sanitary Supply and Equipment Co.Ltd., 4275 rue Iberville, Montreal 34, Que.	442.
SAR	Saskatchewan Association of Rural Municipalities, 403 McCallum Bldg., Regina, Sask.	443.
SAS	Saskatchewan Dept. of Agriculture, Plant Industry Div., Gov't Administration Bldg., Regina, Sask.	444.
SAW	Saskatchewan Wheat Pool, Albert and Victoria Sts., Regina, Sask.	445.
SAZ	Sandex Inc. Crop Protection P.O. Box 1489 Homestead, Florida 33030	445A.
SCL	A.G. Schering, 170-172 Muellerstrass, Berlin 65, (West) Germany.	446.
SCO	Scientific Concentrates Co., 196 Boul.Richelieu, St. Mathias, Que.	447.
SCP	St.Clair Paint & Wallpaper Co. Ltd., 38 Dufflaw Rd., Toronto, Ont. M6A 2W1.	448.
SCT	O.M. Scott and Sons, Maryville, Ohio 43040, U.S.A.	449.
SCU	The Scott's Cure Co., Division of Garden Research Laboratories, 49 Niagara St., Toronto 135, Ont.	450.
SEL	Sellers Chemical Corporation, P.O. Box 23523, New Orleans, Louisiana 70183, U.S.A.	451.
SHA	Shamrock Chem. Ltd., P.O. Box 321, London, Ontario.	452.
SHL	Shell Can.Ltd., P.O. Box 400, Terminal A, Toronto 1, Ont.	453.
SHW	The Sherwin-Williams Co. of Can. Ltd., 2875 Centre St., Montreal 104, Que.	454.
SIC	Sico Inc., 3280 Blvd. Ste. Anne, C.P.1546, Quebec 5, Que.	455.
SIM	The Robt. Simpson Drug Co. Ltd., 160-176 Yonge St., Toronto 2, Ont.	456.
SIO	Simpson-Sears & Simpsons, 108 Mutual St., Toronto 2, Ont.	457.
SIP	Simpsons-Sears Ltd. Canada, 4750 Kingsway, Burnaby 1, B.C.	458.
SIR	Dr. N.A. Sirois, Enr., P.O. Box 786, LaPocatiere, Que.	459.
SIT	Sittner Manufacturing Co. Inc., P.O. Box 865, Sheridan, Wyoming 82801, U.S.A.	460.
SMG	Smith Barregar Ltd., 115 West Third Ave., Vancouver, B.C.	461.
SML	Smith-Douglass Div. of Borden Chem, Borden Inc. P.O. Box G, Columbus Ohio 43203, U.S.A.	462.
SOE	Sobey's Stores Ltd., 115 King St., Stellarton, N.S.	463.
SOJ	Solaja Ltee., 620 Cathcart, Ste.400 Birks Bldg., Phillips Sq. Montreal 111, Que.	464.
SOL	Solchem Inc. 415 Madison Avenue New York. N.Y. 10017	464.A
SPA	T. M. Spratt Ltd., 33 McNab-St. N., Hamilton, Ont.	465.
STB	Steinberg's Ltd., Technical Services Dept., 5400 Hochelaga St. Montreal, Quebec. H1N 1V9.	466.
STD	Standard Chemical ttd., 60 Titan Rd., Toronto 18, Ont.	467.
STF	Stauffer Chemical Co. of Canada Ltd., 130 West Georgia St., Vancouver 5, B.C.	468.
STL	Sterling Drug Ltd., Aurora, Ont. L4G 3H6.	469.
STM	The Standard Manufacturing Co. Ltd., P.O. Box 6090, St. John's, Nfld.	470.
STO	Stanley Chemicals Limited, 7479 Trans Canada Highway, St. Laurent, Que. H4T 1T3.	471.
STQ	Stanley Home Products of Canada Ltd., 140 Ann St., London, Ont.	472.
STR	Sterno Industries, 1125 Talbot St., St. Thomas, Ont.	473.
STS	Stream Fresh Ltd., 1190 Crestlawn Dr., Mississauga, Ont. L4W 1B6.	474.

STU	C. W. Staples Inc. Box 328, Presque Isle, Maine, U.S.A.	475.
STY	Star Products Inc., 7955 Boul. St. Michel, Montreal, Que.	476.
SUB	Sunnybrook Food Market (Keele) Ltd., 4490 Chesswood Dr., Downsview, Ont.	477.
SUD	Sudbury Laboratory, Dutton Rd., Sudbury, Mass., U.S.A.	478.
SUG	Sumitomo Chemical Co. Ltd., 155-Chome, Kitahama, Higashi-ku, Osaka, Japan.	479.
SUM	Summit Chemical Co., 117 West 24th St., Baltimore, Maryland 21218.	480.
SUP	Supersweet Feeds (Div. of Robin Hood Multifood Co. Ltd.), 6600 Cote des Neiges, Montreal, Que.	481.
SUQ	Stim-U-Plant Labs., Inc., 2077 Parkwood Ave., Columbus, Ohio, 43219, U.S.A.	482.
SUS	Sun Swimming Pool Chemicals, Div. of Sun Cleanser Co., P.O. Box 2188, Livonia, Michigan, 48151, U.S.A.	483.
SVC	Sterling Varnish (Canada) Ltd., P.O. Box 554, St. Catharines, Ont.	484.
SWH	Swish Maintenance Ltd., 309 Lansdowne St. E. Peterborough, Ont.	485.
SNP	Swimming Pool Supply Centre, Unit 14, 1220 Ellesmere Rd., Scarborough, Ont.	486.
SYD	Sydney Pest Control, 80 Townsend St., Sydney, N.S.	487.
TAI	J. S. Tait and Co. Ltd., 838 Powell St., Vancouver 4, B.C.	488.
TAS	Tam O'Shanter Industries Ltd., No. 2006, 727-6 Ave. S.W., Calgary, Alta.	489.
TAX	Richard K. Taylor, Import - Export Agent, 520 Glendene Cres. Waterloo, Ont. N2L 4P4.	490.
TEC	Tech-Chem Services Ltd., 3135 Wharton Way, Mississauga, Ont.	491.
TEI	Texas Refinery Corp. of Canada Ltd., 25 Industrial St., Toronto 17, Ont.	492.
TEX	Texaco Canada Ltd., 51 Commissioners St., Toronto, Ont.	493.
THO	Thompson-Hayward Chemical Co. P.O. Box 2383 Kansas City, Kansas 66106	493A.
THU	Thuron Industries Inc., 12200 Denton Drive, Dallas, Texas 75234, U.S.A.	494.
THV	Thuron Ltd., Box 73, Port Perry, Ontario.	495.
TIM	Time-Mist Div. General Time of Canada, P.O. Box 239, Peterborough, Ont.	496.
TIR	Timber Specialties Ltd. 980 Ellicott Street Buffalo, N.Y. 14209	496A.
TRI	TRI Associates Inc., 8500 Pillsbury Ave. South, Minneapolis, Min. 55420, U.S.A.	497.
TRO	Trojan Chemicals Div. of Valley Camp Ltd., 41 Racine Rd., Rexdale 601, Ont. M9W 2Z6.	498.
TRY	Troy Chemical Corp., One Ave. L., Newark, N.J. 07105, U.S.A.	499.
TSI	TSI Co. Highway 206, P.O. Box 151, Flanders, N.J. 07836, U.S.A.	500.
TUC	Tuco Products Co., Div. of the Upjohn Co. of Canada, 3 McCarthy St., Orangeville, Ont.	501.
TUR	Turner Musical Instruments Ltd., 51 Nantucket Blvd., Scarborough, Ont. M1P 2N6.	502.
TWI	Twin-Cee Ltd., P.O. Box 98, 20 Armstrong Ave., Georgetown, Ont.	503.
UAF	United Farmers of Alberta Co-op Ltd., 119 1st St., S.E., Calgary, Alta.	504.
UAI	Union Carbide Can. Ltd., 123 Eglinton Ave. E., Toronto 12, Ont.	505.
UBE	Utility Products Co., 4579 Christophe Colombo, Montreal 176, Que.	506.
UCA	Union Carbide, J.F. Lovell Registrations Mgr., Agric. Prod. Co. Inc., 7825 Baymeadows Way, Jacksonville, Florida 32216, U.S.A.	506A.
ULR	Ultra Research Industries Ltd., Box 436, Nanaimo, B.C.	507.
UNA	Una-Kem Manufacturing Co., Swim Chem Division, 3280 Mainway, Burlington, Ontario.	508.
UNR	Uniroyal (1966) Ltd., Chemical Div., Elmira, Ont.	509.
USB	United States Borax and Chemical Corp., 3075 Wilshire Blvd., Los Angeles, Calif. 90005, U.S.A.	510.
VAR	Van Waters and Rogers Ltd., P.O. Box 2009, Vancouver, B.C.	511.
VEL	Velsicol Corp. of Canada Ltd., 1360 Burnell Rd., Mississauga, Ont.	512.
VEN	Velsicol Canada Corp., 411 E. Elm, Chicago, Ill. 60611, U.S.A.	513.
VET	Ventron Corporation, Congress Street, Beverly, Mass. 01915, U.S.A.	514.
VEZ	Henry R. Vezine, 778 Samock Drive, Pickering, Ont.	515.
VIG	Vigoro Division, Swift Canadian Co. Ltd., 1400 The Queensway, Toronto, Ontario M3Z 1S4.	516.
VIK	Vineland Chemical Co. Inc., P.O. Box 745, Vineland, N.J. 08360, U.S.A.	516A.

VIL	Vineland Laboratories Canada Inc., 500 Oakdale Rd., Downsview, Ontario, M3N 1W6.	517.
VIN	Vio Bin Veterinary Products Ltd., 860 Talbot St., St. Thomas, Ont.	518.
VIT	Virginia Chemicals Inc., 3340 West Norfolk Rd., Portsmouth, Virginia 23703, U.S.A.	519.
VKA	Vikia Industries Ltd., 36 Murray Street, Ottawa, Ontario	519A.
WAF	Warsaw Fruit Market Inc., 3863 St. Laurence Blvd., Montreal 514, Que.	520.
WAK	Watkins Products Inc., 150 Liberty St., Winona, Minnesota 55987, U.S.A.	521.
WEA	Weed-Master (Western) Ltd., 415-3rd St. S.W., Calgary 1, Alta.	522.
WEC	Weall & Cullen Nurseries Ltd., Milliken, Ontario, L0H 1K0	522A.
WEP	Western Family Foods Ltd., Calgary, Alberta.	523.
WEN	Westcan Horticultural Specialists Ltd. 1900-11th Street S.E. Calgary, Alberta T2G 3G2	523A.
WEO	West Agro-Chemical (Canada) Ltd., 325 Dalesford Rd., Toronto, Ont.	524.
WEP	West Chemical Products Ltd., 5624 Casgrain Ave., Montreal, Que.	525.
WEQ	Wesco Agencies, 1968 West 3rd Ave., Vancouver 9, B.C.	526.
WES	E.C. West Co. Ltd., 84 Sheppard Ave. East, Willowdale, Ont.	527.
WFF	Westfair Foods Ltd., P.O. Box 808, Winnipeg, Manitoba. R3C 2P1.	528.
WHA	Wheat-Belt Industries Ltd., 1334-10th Ave. S.W., Calgary, Alta.	529.
WHE	Whitehouse Soaps and Chemicals, P.O. Box 181, Toronto 16, Ont.	530.
WHL	Whitmoyer Products, Rohm and Haas Co. of Canada Ltd., 2 Manse Rd., West Hill, Ont.	531.
WHM	Whitmire Research Labs. Inc., 3568 Tree Court Industrial Blvd., St. Louis, Missouri, U.S.A.	532.
WIL	Wilson Laboratories Ltd., Brock and Hatt Sts., Dundas, Ont.	533.
WIP	Wipp Pest Control Co., 282 Pitt St. E., Windsor, Ont.	534.
WLX	Willex Products, 6039 -6th St., S.E., Calgary, Alberta.	535.
WOB	G.H. Wood and Co. L., Queen Elizabeth Way, P.O. Box 34, Toronto 18, Ont.	536.
WOD	Wood Treating Chemicals Co., 5137 Southeast Ave., St. Louis, Missouri 63110, U.S.A.	537.
WOG	World Garden Products Ltd., World Bldg., First and Seaview, East Norwalk, Conn. 06855, U.S.A.	538.
WYN	Wyant and Company Ltd., 739 2nd Ave. S.W., Calgary, Alta.	539.
WYT	Wyandotte Chemical of Canada Ltd., 41 Metropolitan Rd., Scarborough, Ont.	540.
YON	W. F. Young, Inc., Manufacturing Chemists, P.O. Box 14, 111 Lyman Street, Springfield, Massachusetts, 01101.	
ZEL	Zellers Ltd., Montreal, 248. Que.	541.
ZOC	Zoecon Industries Ltd. 12200 Denton Drive Dallas, Texas 75234	542

O. Reg. 577/76, s. 58, *part*; O. Reg. 183/77, s. 1; O. Reg. 951/77, s. 2 (2); O. Reg. 575/78, s. 6;  
O. Reg. 132/79, s. 2; O. Reg. 468/79, s. 2; O. Reg. 822/79, s. 2; O. Reg. 833/80, s. 2.

## SCHEDULE 1

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
00299	DOW		METHYL BROMIDE, FUMIGANT
00632	BRG		LIGHTNING GOPHER POISON CONTAINS STRYCHNINE
00859	PRX		PROTEX INSECT POWDER
00959	CYC		CYANOGAS - CALCIUM CYANIDE A-DUST AND G FUMIGANT
01017	RIA		RIESS COCKROACH EXTERMINATOR CONTAINS SODIUM FLUORIDE
01027	PSA		"REEL" ROACH POWDER CONTAINS SODIUM FLUORIDE
02170	POP		POULIN'S COCKROACH DOOM
02283	GCP		GREEN CROSS WEED-NO-MORE
02586	BRG		FAIRVIEW WEED COP MIXED BUTYL ESTER E-64,2,4-D
02663	AMC	AMI	AMCHEM WEEDUST 5%-2,4-D ESTER WEED KILLER
03273	DOW		DOWFUME MC - 2 SOIL FUMIGANT
03322	SHL		2,4-D LIQUID WEEDKILLER ESTER 64
03812	ALS		NO-WEED 2,4-D ESTER 64 WEED KILLER
04144	ABE		FLY MASTER LINDANE INSECTICIDE FOR VAPORIZATION
04325	WHE		CLINES ROACH POWDER
04383	CHP		METHOXONE ESTER 80, MCPA LIQUID WEEDKILLER
04385	SHL		DIELDRIN 20 E.C. INSECTICIDE
04625	INT		CO-OP DAWSON FUMIGANT FORMULA 73
04677	NAP		PANOGEN 15 LIQUID SEED TREATMENT
04728	CHP		CHIPMAN 2,4-D , ESTER 128, DOUBLE STRENGTH WEEDKILLER
04748	NAL		NATIONAL HIGH CONCENTRATE 2,4-D MIXED BUTYL ESTERS
04780	PIO		PIONEER LIQUID WEED KILLER 2,4-D ESTER 128
04793	RAL		PURINA LIQUID STOCK SPRAY
04823	DOW		ESTERON 64 FARM WEED KILLER LIQUID
04923	SIR		NADANE INSECTICIDE
04929	SHL		SHELL ENDRIN 20 EMULSIBLE CONCENTRATE INSECTICIDE
04941	LAT		LATER'S HEPTACHLOR 20 E.C. INSECTICIDE
04973	GHI		COMPRIMES LINDANE G.H.
05462	INT		CO-OP MCPA ESTER 80 LIQUID WEED KILLER
05504	GCP		GREEN CROSS ESTER WEED LIQUID KILLER
05527	PAU		PAULA LINDANE TABLETS FOR FUMIGATION
05944	GCP		GREEN CROSS MCPA ESTER 80 WEED KILLER
05979	NAL		NATIONAL MCPA ESTER WEED KILLER
06038	CHP		CHIPMAN ENDRIN 20 EMULSIFIABLE CONCENTRATE INSECTICIDE
06045	ALS		NO-WEED MCPA ESTER 80 WEED KILLER
06051	NAP		PANO-DRENCH SOIL DRENCH FOR GREENHOUSES
06070	HOL		HOLCOMB INSEKIL AEROSOL INSECTICIDE
06132	BRG		FAIRVIEW WEED COP "ONE TWENTY EIGHT"
06179	GCP		GREEN CROSS 20% ENDRIN
06181	OSD		OSMOSE SPECIAL FENCE POST MIXTURE - WOOD PRESERVATIVE
06187	PFF		CALSA ENDRIN 20 EMULSIFIABLE CONCENTRATE INSECTICIDE
06190	ALS		NO-WEED 2,4-D ESTER 128 LIQUID WEED KILLER
06314	DOW		FORMULA 8 FARM WEED KILLER LIQUID
06468	SHL		SHELL ALDRIN 40 E.C. INSECTICIDE
06510	WAK	WAL	WATKINS MOTHPROOFER PRESSURIZED SPRAY
06521	NAP		DRINOX H-34B LIQUID SEED INSECTICIDE
06597	MBE		MARQUETTE RED SQUILL (EXTERMINATEUR DES MULOTS)
06613	NOX		NOXALL ANT TRAP CONTAINS THALLIUM
06660	SHL		2,4-D ESTER 80

## SCHEDULE 1

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
06662	SHL		SHELL 2,4-D WEED KILLER ESTER 128
06663	MCC		LICE TOX LIVESTOCK INSECTICIDE
06680	INT		CO-OP 2,4-D ESTER 128 LIQUID WEEDKILLER
06683	BOD	CRD	RED SHIELD DOUBLE PROTECTION SEED TREATMENT
06705	SAR		SARM 2,4-D ESTER 128 WEEDKILLER
06756	HEF		HERCULES LINDANE TABLETS FOR FUMIGATION
06771	SHL		SHELL MCPA WEEDKILLER ESTER 80
06896	WEQ		CHLOROPICRIN SOIL FUMIGANT
06923	FRD		FRANKLIN TOXAPHENE-LINDANE SPRAY CONCENTRATE
06963	STD		STAN-CHEM 2,4-D ESTER 80 WEED KILLER
06965	STD		STAN-CHEM MCPA ESTER 80 WEED KILLER
06971	STD		STAN-CHEM 2,4-D ESTER 128 WEED KILLER
07010	STD		STAN-CHEM 2,4,5-T LOW VOLATILE ESTER BRUSH KIL
07012	STD		STAN-CHEM D AND T LOW VOLATILE ESTER BRUSH KIL
07104	FLR		FLODANE INSECTICIDE
07208	NAP		PANDRINOX LIQUID COMBINATION FUNGICIDE-INSECTICIDE
07221	DOW		PICFUME DDW CHLOROPICRIN-SOIL & SPACE FUMIGANT
07338	AMC	AMI	WEEDONE 128 2,4-D ESTER WEED KILLER EMULSIFIABLE CONC.
07423	STD		STAN-CHEM 2,4-D ESTER 64 WEED KILLER
07425	STD		STAN-CHEM D AND T LIQUID BRUSH KIL
07571	ALS		NO-WEED-80 2,4-D ESTER WEED KILLER
07577	NAP		PANOGEN TURF FUNGICIDE
07758	NAP		MORSODREN LIQUID CONTAINING MERCURY
07808	ALT		AL-SI-CO MOTH PROOFER
07811	DOW		MCPA ESTER 80 LIQUID FARM WEED KILLER
07818	MAZ		MARCOTOX FOR FUMIGATING ONLY CONTAINING LINDANE
07825	AMC	AMI	WEEDONE MCPA ESTER
08007	SAS		ENDRIN EMULSIFIABLE CONCENTRATE FOR CONTROL OF CUTWORMS
08034	NAP		PENTADRIN NON-MERCURIAL SEED TREATMENT
08217	OLH		OCHEMCO LIQUID 2,4-D WEED KILLER 80
08218	NAA		ERA COCKROACH POWDER
08420	CBL		CARDEL BEEF-AID CONTAINS TOXAPHENE
08444	MET		METASOL MMH LIQUID MERCURY SEED TREATMENT
08448	NAP		PANDORIN 15B LIQUID SEED TREATMENT FUNGICIDE
08527	PFF		CALSA ESTER 128, THE FAST SURE 2,4-D WEED KILLER LIQUID
08683	FEG		LIN-TAB REFILLS, LINDANE FOR USE IN VAPO-SWAT VAPORIZER
08790	PEN		PESTROY METHYL BROMIDE - FUMIGANT
08854	BEP		SHIELD PRESSURIZED CEDARIZED MOTHPROOFER
08934	AAG	LEY	AAHEPTON LIQUID WIREWORM INSECTICIDE HEPTACHLOR
08942	SAM		LAURENTIDE CEDAR MOTH PROOFER (PRESSURIZED)
08990	SHL		25 NEMAGON GRANULES
09031	INT		CO-OP 2,4-D ESTER 80 LIQUID WEED KILLER
09072	SHL		NEMAGON 130 EMULSIBLE CONCENTRATE SOIL FUMIGANT
09118	FEJ		DAWSON 73 SPOT FUMIGANT
09169	FEJ		DAWSON 37 SPACE FUMIGANT CONTAINING ETHYLENE DIBROMIDE AND METHYL BROMIDE
09201	NAP		PANOGEN PX SEED TREATMENT FUNGICIDE CONTAINS MERCURY
09262	OLH		OCHEMCO WEED KILLER 128 WITH 2,4-D
09289	NAP		DRINOX PX SEED TREATMENT INSECTICIDE POWDER CONTAINING

## SCHEDULE 1

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09325	NAP		HEPTACHLOR PANDRINOX PX SEED TREATMENT FUNGICIDE INSECTICIDE CONTAINING MERCURY AND HEPTACHLOR
09375	MET		METASOL MMH LIQUID DUAL PURPOSE SEED TREATMENT CONTAINS HEPTACHLOR, MERCURY
09389	MON		M.P. ROACH POWDER
09420	MET		METASOL - MP LIQUID MERCURY SEED DRESSING
09424	NAP		PANDRINOX A - LIQUID SEED TREATMENT
09432	NAP		PENTADRIN PX DRY FUNGICIDE-INSECTICIDE CONTAINING QUINTOZENE AND HEPTACHLOR
09456	MET		METASOL - MMH DUAL PURPOSE DRILL BOX FORMULATION CONTAINS MERCURY AND ALDRIN
09458	MET		METASOL-MMH MERCURY DRILL BOX FORMULATION
09472	NAP		PANDRINOX A-PX DRY SEED TREATMENT
09480	NAP		PENTADRIN A NON-MERCURIAL SEED TREATMENT
09489	NAP		PENTADRIN APX DRY NON-MERCURIAL SEED TREATMENT
09515	PID		PIONEER LIQUID WEED KILLER 2,4-D ESTER 80
09548	PFF		PFIZER MCPA ESTER 80 LIQUID WEED KILLER
09550	PFF		PFIZER 2,4-D ESTER LIQUID WEEDKILLER CONCENTRATE 128
09564	GRC	VAR	METH-O-GAS, METHYL BROMIDE FUMIGANT
09565	GRC	VAR	BROM-O-GAS, METHYL BROMIDE FUMIGANT, WITH CHLOROPICRIN
09566	GRC	VAR	BROM-O-GAS, METHYL BROMIDE CONTAINS 2% CHLOROPICRIN
09576	MET		BI-CAL TURF FUNGICIDE POWDER
09624	MON		M.P. LINDANE TABLETS - FOR FUMIGATION
09672	ATL		POUDRE INSECTICIDE AU FLUORURE DE SODIUM
09776	VAR		GUARDSMAN PENITE 8 SODIUM ARSENITE SOLUTION
09904	BAD	LEI	SODIUM ARSENITE NO.8 LIQUID POTATO TOP KILLER AND WEED KILLER
09912	BAD	LEI	ENDRIN EMULSIFIABLE LIQUID INSECTICIDE
09954	ACO		ANT-EX POWDER KILLS ANTS CONTAINS ANTIMONY TARTRATE
09981	SAF		SUN-X INSECT POWDER
09991	NAP		DRINOX A-34B LIQUID SEED TREATMENT INSECTICIDE CONTAINING ALDRIN
09998	NIM		BEE-NIP JET HORNET BOMB WITH DICHLORVOS AND DIELDRIN
10044	COQ		COOPER COOPER-TOX LIVESTOCK SPRAY AND DIP EC
10049	COQ		COOPER COOPER-TOX EXTRA OR COOPER HOG MANGE CURE
10056	COQ		COOPER BACK RUBBER CONCENTRATE
10067	IMP		ESSO MCPA ESTER-80 LIQUID WEEDKILLER
10070	IMP		ESSO 2,4-D ESTER-128 LIQUID WEEDKILLER
10111	VEL		VELSICOL - CELATOX HERBICIDE HEMP NETTLE KILLER CONTAINS MCPA AND 2,4,5-T
10187	OLH		OCHEMCO MCPA LIQUID WEED KILLER ESTER 80
10189	ALS		ACS 2,4-D ESTER 144 EMULSIFIABLE WEED KILLER
10444	CBR	MCM	FORMULA F-20 RESIDUAL INSECTICIDE SOLUTION
10630	DIT		DDT 50 % PINK TRACKING POWDER RODENTICIDE
10686	DIT		DDT 50D DUST CONCENTRATE INSECTICIDE
10696	SAF		SANEX CHLOROPICRIN
10722	PFF		CALSA 2.5 DDT EMULSIFIABLE CONCENTRATE INSECTICIDE
10934	MCE		MONTCLAIR TUSECT ROACH POWDER
10948	MAG	MAH	MAGNACIDE H (INHIBITED ACROLEIN HERBICIDE)

## SCHEDULE 1

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11411	SAF		SANEX METHYL BROMIDE
11504	REO		DOMESTIC PY INSECT KILLER DUST
11526	CGA		DIMECROIN INSECTICIDE
11552	CHP		MCPA ESTER 80 LIQUID WEED KILLER
11821	COQ		HOG MANGE CURE EC
12088	PFF		METHYL BROMIDE FUMIGANT
12091	PFF		METHYL BROMIDE TOBACCO PLANT BED FUMIGANT
12202	SAF		SANEX ROENTRAK
12248	ABE		METHYL BROMIDE FUMIGANT
12326	SAF		SANEX M B-C2 SOIL FUMIGANT
12339	SAF		SANEX DDT 50% WP AGRICULTURAL INSECTICIDE
12340	SAF		DDT 25% E.C.
12457	MCE		MONTCLAIR REDMOR COCKROACH POWDER
13342	UAJ		OXYFUME 12 FUMIGANT
13773	ABE		WACO CHLOROPICRIN
13961	BEH		CALCIUM CYANIDE A-DUST
13979	VEL		VELCAN METHYL BROMIDE FUMIGANT
13994	BEH		CALCIUM CYANIDE G FUMIGANT
14336	ALS		NO WEED 2,4-D ESTER 150
14662	UNR		ESTAKIL 80 MCPA
14666	UNR		ESTAKIL 128 24D
14715	NIA		NIAGARA ESTASOL 128 EMULSIFIABLE LIQUID HERBICIDE
14764	NIA		NIAGARA MCPA 80 ESTER WEEDKILLER
15082	PFF		PFIZER TERRAMYCIN TREE INJECTION FORMULA
15112	DUQ		DUPONT LOROX LIQUID PLUS HERBICIDE
15127	CHP		CHIPMAN LOROX PLUS LIQUID HERBICIDE
15436	NIA		NIAGARA ENDRIIN 20 EC
15849	SAF		SANEX STRYCHNINE GOPHER-KIL LIQUID
16097	DUQ		KRENITE F CONIFER RELEASE AGENT
16438	ABE		DEGESCH PHOSTOXIN PREPAC COATED PELLETS

## SCHEDULE 1

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration</u> <u>Number under</u> <u>Fertilizer</u> <u>Act (Canada)</u>	<u>Registrant under</u> <u>Fertilizer Act</u> <u>(Canada)</u>	<u>Pesticide</u>
2109	CIL	Lawn Doctor 12-4-8 containing 1.00% chlordane 1.75% chlorthal 0.22% 2,4-D amine 0.11% mecoprop amine 0.02% dicamba amine
2134	CIL	Rose and Flower Doctor 6-9-6 containing 0.5% disulfoton, 0.37% eptc, 0.115% chlorpyrifos (Dursban)
2136	Simpson Sears Ltd.	Rose and Flower Doctor 6-9-6 containing 0.5% disulfoton, 0.37% eptc, 0.115% chlorpyrifos (Dursban)

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
00019	GCP		GREEN CROSS ARSENATE OF LEAD INSECTICIDE
00109	BRG		FAIRVIEW Gopher-COP
00511	CHP		CHIPMAN NICOTINE SULPHATE 40 CONTACT INSECTICIDE
00515	SAR		SARY GOPHER POISON CONTAINS STRYCHNINE
00890	WIL		WILSON'S MOUSE TREAT CONTAINS 0.4% STRYCHNINE
01082	BAT		BARTLETT ARSENATE OF LEAD
01083	MRE		RAPID BUG KILLER
01193	BRG		MOUSE-COP POISONED MOUSE SEED
01318	DUQ		DU PONT TERSAN 75 THIRAM TURF FUNGICIDE
01344	PIE		PIED PIPER BOACIDOCIDE
01709	GCP		GREEN CROSS BASI-COP FUNGICIDE COPPER OXYCHLORIDE
02294	CHP		TRI-COP WETTABLE POWDER COPPER FUNGICIDE
02324	DOW		DOWFUME EB - 15 INHIBITED SOIL FUMIGANT
02425	SHL		D-D SOIL FUMIGANT
02707	DOW		DOWFUME EB-5 GRAIN FUMIGANT
02985	CHP		BENCISAN 50, LINDANE WETTABLE POWDER INSECTICIDE
03132	DOW		DOW GENERAL LIQUID DINOSEB HERBICIDE
03159	GCP		GREEN CROSS P.M.A.S. TURF FUNGICIDE
03162	GCP		GREEN CROSS CHLORDANE 8 E.C. INSECTICIDE
03226	LAT		LATER'S COPPER SPRAY - TRIBASIC COPPER SULPHATE
03267	CHD		PENTA PRESERVATIVE CONCENTRATE
03294	MAP		CALO-CLOR TURF FUNGICIDE
03341	SHL		2,4-D + 2,4,5-T LIQUID BRUSHKILLER REGULAR 16
03426	AMC	AMI	WEEDONE LV-4 2,4-D ESTER WEED KILLER LIQUID
03528	VIT	VIR	LETHALAIRE G-57 AEROSOL INSECTICIDE
03734	PFF		CALSA 25% LINDANE WETTABLE POWDER INSECTICIDE
03749	LAT		LATER'S 2,4-D ESTER LOW VOLATILE WEEDKILLER
03846	MBY		MERFUSAN DUST FUNGICIDE
03870	AMC	AMI	THE CONTROL OF TURF DISEASE
03939	GOC		WEEDONE EMULSIFIABLE CONCENTRATE
03959	CHP		A-K MOSS KIL
03961	CHP		CHIPMAN BRUSHKILLER 76 LOW VOLATILE
04042	SHL		CHIPMAN 2,4,5-T 76 LOW VOLATILE, WEED AND BRUSHKILLER
04044	SHL		2,4,5-T LIQUID BRUSHKILLER LV 76.8
04097	MET		2,4-D+2,4,5-T LIQUID BRUSHKILLER L.V. 76.8
04167	DOW		METASOL APPLE SPRAY, ORGANIC MERCURY FUNGICIDE
04293	FMC		PREMERGE DINOSEB LIQUID WEED KILLER
04334	RAL		NIAGARA2,4,5-T BRUSHKILLER WEED KILLER
04429	PLG		PURINA INSECT OIL CONCENTRATE
04661	MBE		PLANT PRODUCTS LINDANE 25 WETTABLE POWDER INSECTICIDE
04763	GCP		POISON A SOURIS MARQUETTE CONTIENT STRYCHNINE
04771	NAL		GREEN CROSS LOW VOLATILE WEED-NO-MORE
04949	ALS		NATIONAL TEN TEN 2,4-D LIQUID WEED KILLER
04958	BSE		NO WEED 2,4-D ESTER 64 LOW VOLATILE WEED KILLER
04980	CHP		BEXCO GRAINS KILLS MICE CONTAINS STRYCHNINE
04982	LAT		CHIPMAN 2,4-D ESTER 80, LOW VOLATILE, LIQUID WEEDKILLER
04983	ALS		LATER'S CHLORDANE 800 E.C.
05042	HAB	MCH	NO-WEED 2,4-D & 2,4,5-T LOW VOLATILE ESTER BRUSHKILLER
			TRI-X BRAND FUMIGANT

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
05187	GAH	BAU	"ARNOLD" LINDANE SPRAY 19%
05220	FRD	FRD	FRANKLIN LINDANE 20% EMULSIFIABLE CONCENTRATE INSECTICIDE
05321	DOW		KERON WEED AND BRUSH-KILLER EMULSIFIABLE CONCENTRATE
05427	PFF		CALSA 24-D LOW VOLATILE ESTER 85 LIQUID HERBICIDE
05475	ROH		KARATHANE 90 AGRICULTURAL FUNGICIDE AND MITICIDE
05746	VAR		GARDSMAN SPINOC SOLUBLE POWDER
06001	SHL		2,4,5-T LIQUID BRUSHKILLER L.V. 112
06002	SHL		2,4-D + 2,4,5-T LIQUID BRUSHKILLER L.V. 112
06004	SHL		SHELL 2,4-D WEED KILLER ESTER L.V. 112
06007	STF		CAPTAN 75 SEED TREATER FOR SEED DISEASE CONTROL
06122	SAF		SANEX 10% LINDANE E.C.
06241	MAP		KROMAD BROAD-SPECTRUM TURF FUNGICIDE
06320	MOL		RANCOX EMULSIFIABLE CONCENTRATE
06330	DOW		ESTERON 99 CONCENTRATE LIQUID FARM WEED KILLER
06334	COO	FSM	FUNGIDEX WETTABLE POWDER FUNGICIDE
06374	ROH		KELTHANE E.C. AGRICULTURAL MITICIDE
06420	CYC		LIQUID CYANAMID, A GENERAL CONTACT WEED KILLER
06432	DOW		TELONE LIQUID SOIL FUMIGANT
06514	WEA		WEEDEX SAFETY BAR
06526	ALS		NO-WEED LOW VOLATILE 2,4-D ESTER 80 WEED KILLER
06528	SAF		65.5 CHLORDANE E.C. INSECTICIDE
06590	KEM		KEM-GRAIN FUMIGANT
06589	TUC		PHOSBAIT MOUSE BAIT, CONTAINS ZINC PHOSPHIDE
06629	TUC		BUILDING INSECT OIL CONCENTRATE
06632	STF		TRITHION 25 WP INSECTICIDE ACARICIDE
06698	INT		COOP LOW VOLATILE BRUSH-KILLER, 64 LIQUID WEED KILLER
06726	BAT		BARTLETT FIXED COPPER FUNGICIDE SPRAY POWDER
06747	MBY		EMBUTOX E 2,4-DB BUTYL ESTER SELECTIVE WEEDKILLER
06829	GCP		GREEN CROSS LOW VOLATILE BRUSH KIL '96'
06853	GCP		GREEN CROSS SOIL KARE (MYLONE) GRANULAR FUMIGANT
06857	CHG	CHH	CO-RAL 25% WETTABLE POWDER ANIMAL INSECTICIDE
06950	LAT		LATER'S PENTACHLOROPHENOL WOOD PRESERVATIVE 1 TO 10
06961	STD		STAN-CHEM 2,4-D ESTER LOW VOLATILE 80 WEED KIL
06993	CUT	CUS	K.R.S. FOR HORSES KILLS SCREW WORMS AND MAGGOTS
07015	FUL	GRE	FULGRE FULVEX NICOTINE FUMIGATOR
07021	SAR		SARM LO-VOLATILE 2,4-D WEEDKILLER
07024	WEA		WEEDEX WONDER STIK 2,4-D WEEDKILLER
07036	DUO		DU PONT KARMEX DIURON WEED KILLER
07044	DUO		DU PONT TRYSEEN 200 GENERAL WEED KILLER
07112	MOL		RANDOX GRANULAR SELECTIVE HERBICIDE
07132	SHL		2,4-D LIQUID WEEDKILLER ESTER L.V. 80
07190	TUC		BIN FUME GRAIN FUMIGANT
07224	PLG		NICOTINE PRESSURE FUMIGATORS
07239	MBY		MERSIL TURF FUNGICIDE WETTABLE POWDER CONTAINING MERCURY SALTS
07341	CHG	CHH	GUTHION 3% DUST CROP INSECTICIDE
07351	MOL		AVADEX (DIALATE) SELECTIVE HERBICIDE WILD OAT KILLER
07394	PFF		CALSA 2,4,5-T 96 L.V. LIQUID BRUSHKILLER
07398	CHG	CHH	DEXON 70% WETTABLE POWDER SEED FUNGICIDE

REGIS- TRANT	NO	REGIS- TRANT	NO	PESTICIDE
07401	SAN			SANFAX WP PESTICIDE FOR CONTROL OF WOOD-PLANTS
07442	CHV			0740 DITHION INSECTICIDE EMULSIFIABLE CONCENTRATE
07446	UAG			UAG SEVIN PAK (CARBAP 10) SPRAYABLE POWDER INSECTICIDE
07508	AMC	AMI		LV-90, 2,4-D ESTER WEED KILLER
07523	BRD			BRADFORD LIQUID OXANAMID, GENERAL CONTACT WEED KILLER
07525	INT			CO-OP L.V. 2,4-D ESTER 112 LIQUID WEED KILLER
07527	INT			CO-OP L.V. BRUSH KILLER 112 (2,4-D + 2,4,5-T)
07590	ALS			PENTACHLOR 80% PRESERVATIVE 10-1-1
07599	CHP			GAMMASAN PRELUBON SEED TREATMENT POWDER
07701	NAP			VORLEX LIQUID SOIL FUMIGANT
07737	DIB	DIA		CROCK RIVER, 2,4-D TERRA GRANULAR HERBICIDE
07852	STF			TRITHION 10% GRANULAR ORGANIC PHOSPHATE SOIL INSECTICIDE
07882	CHG	CHH		META-SYSTON-R SPRAY CONCENTRATE SYSTEMIC INSECTICIDE
07884	CHG	CHH		DI-SYSTON GRANULAR SYSTEMIC INSECTICIDE
07932	CHG	CHH		BAY 29498 SPRAY CONCENTRATE ORNAMENTAL INSECTICIDE
07934	CHG	CHH		BAY 29498 WETTABLE POWDER ORNAMENTAL INSECTICIDE
08021	CYC			CYTHION LIQUID GRAIN PROTECTANT CONTAINING MALATHION
08022	LAT			LATER'S CALCITE VEGETATION KILLER
08024	BAT			BARTLETT MOUSE BAIT CONTAINS ZINC PHOSPHIDE
08036	CHG	CHH		CO-RAL 5 0% DUST POULTRY INSECTICIDE
08036	CHG	CHH		BAYTEX 25% WETTABLE POWDER INSECTICIDE
08082	CHG	CHH		BAYTEX SPRAY CONCENTRATE INSECTICIDE CONTAINS FENTHION
08084	CHG	CHH		BAYTEX SPRAY CONCENTRATE BARN INSECTICIDE
08086	CHG	CHH		ENTEX SPRAY CONCENTRATE PCO INSECTICIDE
08090	CHG	CHH		ENTEX OIL SOLUBLE CONCENTRATE PCO INSECTICIDE
08146	CHD			CHAPMAN PERMATOX 10-S
08150	CHD			CHAPMAN PENTA WR CONCENTRATE 1-5
08165	LAT			LATER'S MTIE KILLER
08201	WEA			WEDEX CLOVER & CHICKWEED BAR CHEMICAL WEEDKILLER WITH FENOPROP
08227	ROR			ROZ-SEAL-TOX PS-23 CLEAR VARNISH SEALER
08248	CHP			CHIPMAN THIODAN 50% WETTABLE POWDER INSECTICIDE
08255	DOW			2,4-D LOW VOLATILE 64 FARM WEEDKILLER
08277	CYC			CYGON 4-E EMULSIFIABLE CONCENTRATE INSECTICIDE
08309	SHL			VAPONA 20 E.C. INSECTICIDE CONTAINS DICHLORVOS
08311	ALS			ACS "2,4,5-T" LOW VOLATILE BRUSH KILLER
08355	TUC			GRAIN GUARD LIQUID CONCENTRATE CONTAINS MALATHION
08372	LAT			LATER'S MALATHION 1000 E.C. INSECTICIDE
08374	CUT	CUS		K.R.S. FOR HORSES CONTROLS SCREW WORMS AND MAGGOTS
08409	CYC			THIMET 10% GRANULAR SYSTEMIC INSECTICIDE
08425	SHL			2,4-D + 2,4,5-T LIQUID BRUSHKILLER L.V. 96
08431	DOW			ESTERON 3-3E FARM AND INDUSTRIAL WEED AND BRUSH KILLER
08504	CYC			CYGON EMULSIFIABLE CONCENTRATE HOPPER KILL
08543	PFF			CALSA BRUSHKILL 76.8 LOW VOLATILE - A LIQUID BRUSHKILLER
08575	FIS			FISCOS DIAZINON 50W
08604	SHL			SHELL AA SOIL DRENCH
08611	DOW			ZECTRAN 2E INSECTICIDE
08631	VEL			VELSICOL BANVEL D LIQUID HERBICIDE
08637	DUQ			DU PONT HYVAR X BROMACIL GENERAL WEED KILLER
08654	CHD			TIMPREG PAK POL-NU TYPE GROUND LINE POLE TREATMENT

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
			PANDAGE
08655	AMC	AMI	AMIZINE WETTABLE POWDER A GENERAL WEEDKILLER
08656	CHD		TEMPREG POL-NU TYPE PRESERVATIVE GREASE CONTAINING SODIUM FLUORIDE, CREOSOTE AN
08657	NAC		NATIONAL CHEMSEARCH CHEMESTER 123 HERBICIDE
08661	CHP		GRAMOXONE LIQUID HERBICIDE WITH WETTING AGENT
08698	JUD	FMC	KILLER KANE CARTRIDGES FOR CRABGRASS
08741	CHV		ORTHO DIBROM CONCENTRATE NON-EMULSIFIABLE INSECTICIDE
08789	STD		STANDARD PENTA CONCENTRATE 1-10 WOOD PRESERVATIVE
08826	ABE		WAGO MALATHION GRAIN PROTECTANT
08885	GCP		GREEN CROSS KIL-MOR EARVEL 3 LIQUID HERBICIDE CONTAINS DICAMBA, 2,4-D AND METOPROF
08899	CHP		CHIPMAN BRUSH-KILLER 96
08901	CHP		CHIPMAN 2,4,6-T 96 WEED AND BRUSHKILLER
08903	CHP		CHIPMAN 2,4-D ESTER 96 LIQUID WEEDKILLER
08929	CHP		SAYFOS 70 D.P. WETTABLE POWDER SYSTEMIC INSECTICIDE CONTAINING MENAZON
08959	PFF		CALSA 96 L.V. BRUSHKILLER 2 TO 1 MIX
08981	GCP		GREEN CROSS THIODAN 50 W.P. INSECTICIDE
09003	DOW		TORDON 10K SYSTEMIC HERBICIDE
09005	DOW		TORDON 22K WEEDKILLER SOLUTION
09007	DOW		TORDON 101 MIXTURE SYSTEMIC BRUSHKILLER SOLUTION
09073	ELA		ELANCO DYMID 80W CONTAINING DIPHENAMID-A SELECTIVE HERBICIDE
09074	RAL		CYGON 4-E EMULSIFIABLE CONCENTRATE
09148	NAC		NATIONAL CHEMSEARCH C-A-D - FUNGICIDE
09157	AMC	AMI	AMCHEM FENAC LIQUID
09161	MUS	CBS	MSCO FUNGICIDE VX FOR DISEASES IN MUSHROOM CROPS
09163	CHG	CHH	DEXON 35% WETTABLE POWDER TURF AND SOIL FUNGICIDE
09247	MCC		MCCLELLAND'S LINDANE 10% EMULSIFIABLE CONCENTRATE
09268	PFF		CALSA BRUSHKILL 96 LOW VOLATILE ESTERS
09291	CHG	CHH	META-SYSTOX-R SYSTEMIC SPRAY CONCENTRATE INSECTICIDE
09327	DOW		TORDON BEADS HERBICIDE WEED AND BRUSHKILLER
09332	LAT		LATER'S LINDANE 20 E.C. INSECTICIDE
09337	CYC		MALATHION LV CONCENTRATE INSECTICIDE
09355	SHL		2,4-D LIQUID WEEDKILLER ESTER L.V. 96
09377	CLI	BRP	PENFUME LIQUID FUMIGANT
09382	PFF		PFIZER CYGON DIMETHOATE 4E INSECTICIDE
09398	CHG	CHH	GUTHION INSECTICIDE SPRAY CONCENTRATE FOR HOME GARDEN USE CONTAINS AZINPHOS METHYL
09404	CBR	MCM	FORMULA GH-20 AN INSECTICIDE FOGGING SOLUTION
09415	AMC	AMI	AMCHEM PHENOX - LIQUID HERBICIDE
09427	PLG		PLANT FOG SULFOTEP THERMAL FOGGING SOLUTION
09428	CHG	CHH	CO-RAL EMULSIFIABLE CONCENTRATE LIVESTOCK INSECTICIDE CONTAINS COUMAPHOS
09505	CHP		CHIPMAN B-3 DUAL PURPOSE INSECTICIDE-FUNGICIDE SEED TREATMENT CONTAINS DIAZINON.
09506	PFF		PFIZER BRUSHKILL 64 LOW VOLATILE-A BRUSHKILLER
09510	MBY		BUCTRIL SELECTIVE WEEDKILLER FOR USE IN SPRING WHEAT, BARLEY, OATS AND FLAX

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09512	CHP		SEGLONE A
09526	MET		METASOL 440 LIQUID PHENYL MERCURIC ACETATE CRABGRASS KILLER
09560	DOW		ESTERON LV 96 FARM AND INDUSTRIAL WEEDKILLER
09561	PFF		PRIZER 2,4-D LOW VOLATILE 96 ESTER LIQUID WEED KILLER
09569	LAT		LATER'S PMA - CRABGRASS KILLER
09570	CHG	CHH	SAVTEX LIQUID CONCENTRATE INSECTICIDE CONTAINS FENTHION
09580	MET		THIRAM 75% W.P. TURF FUNGICIDE
09584	MAP		CALO-GRAN MERCURIAL TURF FUNGICIDE
			CONTROL
09587	ALS		NO-WEED LOW VOLATILE LIQUID WEED KILLER
09623	LIE		TIM-BER-LOX FUNGICIDED WOOD PRESERVATIVE
09625	DLH		OCHEMCO LOW VOLATILE 2,4-D ESTER 96 LIQUID WEED KILLER
09651	AMC	AMI	AMCHEM BROMINAL EMULSIFIABLE WEED KILLER
09664	DOW		ESTERON FARM AND INDUSTRIAL WEED AND BRUSH KILLER
09733	LAT		LATER'S PREMIUM WEED AND PAVE SOLUTION
09763	PLG		PLANTCO TURF AND SOIL FUNGICIDE CONTAINS 35% DEXON W.P.
09786	DOW		112 BRUSHKILLER DO-TO
09807	INT		CO-OP CYGON REC - CONTAINS DIMETHOATE INSECTICIDE
09825	NAP		VORLEX 201 PREPLANT SOIL FUMIGANT
09856	AMC	AMI	BROMINIL-M-EMULSIFIABLE WEEDKILLER - A FORMULATION OF BROMOXNIL AND MCPA ESTERS
09871	PLG		PLANTCO TURF FUNGICIDE
09879	VAR		GUARDSMAN 50% OVEX WETTABLE POWDER MITICIDE
09907	AMC	AMI	AQUA-KLEEN 20 GRANULAR-A 2,4-D WEEDKILLER FOR CONTROLLING WATER WEEDS
09916	PLG		PLANTFUME LINDANE SMOKE FUMIGATORS (PELLETS)
09918	PLG		PLANTCO SYSTEMIC INSECTICIDE
09934	PFF		CALSA CHEM-COP 53 FUNGICIDE
09945	DIT		LINDANE 10% EMULSIFIABLE LIQUID INSECTICIDE
09964	CHV		ORTHO DIFOLATAN 4.8 FLOWABLE SUSPENSION FUNGICIDE
09984	CBR	MCM	FORMULA GH-31 A MITICIDE FOGGING SOLUTION
10010	SHL		SHELL BIRLANE INSECTICIDE 10% GRANULES
10031	NAP		PANORAM PRX COMBINATION DRILL BOX SEED TREATMENT
10045	GCP		GREEN CROSS DRILLBOX LINDASAN COMBINATION SEED TREATMENT
			CONTAINS CAPTAN AND LINDANE
10047	COQ		COOPER WATER SOLUBLE RAT AND MOUSE KILLER POWDER
10060	VAR		GUARDSMAN ESTER BRUSHKILLER
10069	JMP		ESSO 2,4-D LV-80 LIQUID WEEDKILLER
10086	USB	CBU	HIBOR C GRANULAR WEED AND GRASS KILLER
10094	CHV		BUX TEN GRANULAR INSECTICIDE
10100	GCP		GREEN CROSS THIODAN 4 INSECTICIDE
10104	GCP		GREEN CROSS CYGON 4E SYSTEMIC INSECTICIDE
10121	PFF		BRUSHKILLER 1:1 LV 112
10142	CHP		CYGON 4-E EMULSIFIABLE CONCENTRATE
10145	USB	CBU	KILLPOWER, NEW IMPROVED GRANULAR UREABOR
10146	DIT		FENTHION 50E EMULSIFIABLE LIQUID INSECTICIDE
10147	DIT		FENTHION 50S OIL CONCENTRATE INSECTICIDE
10148	DIT		THIOFEN FOGGING OIL CONCENTRATE CONTAINS FENTHION AND LETHANE INSECTICIDES

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10157	ALS		ACS LV 112 LOW VOLATILE 2,4,5-T BRUSH KILLER
10158	ALS		ACS LV 120 EMULSIFIABLE BRUSH KILLER
10161	ALS		ACS 2,4-D LOW VOLATILE ESTER 112 WEED KILLER
10163	VAR		GUARDSMAN ESTER 80 WEEDKILLER
10175	CHG	CHH	GUTHION 2% DUST INSECTICIDE CONTAINS AZINPHOS-METHYL
10177	CHG	CHH	DASANIT 15% GRANULAR INSECTICIDE - NEMATOCIDE
10185	CHP		THIODAN 4 INSECTICIDE
10197	PFF		CALSA THIRAM 75 SEED FUNGICIDE DUST
10215	CHP		CHIPMAN BRUSHKILLER 112 CONTAINING LOW VOLATILE
10216	PEK	PEL	HERBICIDE 273 LIQUID
10220	ROH		KARATHANE L.O. AGRICULTURAL FUNGICIDE AND MITICIDE
10230	VEL		BELT LIQUID INSECTICIDE
10231	CAY		ZEP-FORMULA 777 - WEED KILLER - NON-SELECTIVE TYPE
10249	CHG	CHH	GOPHACIDE 0.1% BAIT RODENTICIDE
10276	FIS		FISONS DRILL BOX SEED TREATMENT
10277	FIS		BASUDIN BRAND OF DIAZINON-LINDANE-CAPTAN INSECTICIDE FUNGICIDE DRILLBOX SEED TREA
10301	USB	CBU	BIOBOR J F A LIQUID BIOCID
10313	PFF		CHLORDANE 8 EC LIQUID INSECTICIDE
10322	MBY		ZOLONE 30% PHOSALONE INSECTICIDE FOR FRUITS
10324	KEM		RIDDEX CYTHION GRAIN PROTECTANT INSECTICIDE
10331	DUQ		LVK LIQUID VEGETATION KILLER
10339	CHP		MERGAMMA N-M DRILL BOX DUAL PURPOSE SEED TREATMENT
10359	FMC		FURADAN 10 GRANULAR INSECTICIDE
10430	WEP		ASSAULT LIQUID VEGETATION KILLER
10433	CBR	MCM	FORMULA MU-23 - EMULSIFIABLE CONCENTRATE INSECTICIDE CONTAINED NALED
10439	DOW		DURSBAN M EMULSIFIABLE INSECTICIDE
10456	CHG	CHH	TIGUVON SPRAY CONCENTRATE ANIMAL INSECTICIDE
10457	CHG	CHH	TIGUVON POUR-ON CATTLE INSECTICIDE CONTAINS FENTHION
10458	GCP		GREEN CROSS AMINE WEED KILLER LIQUID CONTAINS DINGSEB
10467	NIM		GAS'M- 3 CARTRIDGES, KILLS MOLES, GOPHERS AND GROUND SQUIRRELS
10472	SAN		SANFAX WK 83
10473	SAN		SANFAX WK 84
10496	GCP		GREEN CROSS GALECRON 50 EC MITICIDE AND INSECTICIDE
10518	MOL		LIASSO EMULSIFIABLE CONCENTRATE WEED KILLER
10532	CYC		THIMET 15-G CONTAINS PHORATE SYSTEMIC INSECTICIDE
10538	IDE		LES ENGRAIS LIQUID CYANAMID GENERAL CONTACT WEED KILLER
10540	KEM		KEM-FUME GRAIN FUMIGANT CONTAINING CARBON TETRACHLORIDE AND CARBON DISULPHIDE
10561	ROS	BAU	ROSS SYSTEMIC INSECTICIDE CARTRIDGES
10569	SAF		WOODCHUCK BOMBS
10609	STF		DYFONATE 10G AN ORGANOPHOSPHORUS SOIL INSECTICIDE
10610	STF		DYFONATE THIRAM 5-10G INSECTICIDE AND FUNGICIDE
10612	CUT	CUS	K.R.S. SMEAR FOR HORSES
10622	VAR		GUARDSMAN BRUSHKILLER
10628	DUQ		DU PONT SINBAR TERBACIL WEED KILLER
10637	DOW		DURSBAN 4 E EMULSIFIABLE INSECTICIDE
10640	PLG		PLANT-FUME NICOTINE SMOKE FUMIGATORS

## SCHEDULE 2

REG.	TRADE NAME	GEN.	PESTICIDE
1106	GENESIS-ND	NT	
10661	INT		CO-OP N.M. DRILL BOX SEED TREATMENT POWDER
10667	INT		CO-OP RAPESOL AND MUSTARD DRILL BOX SEED TREATMENT
10668	INT		CO-OP N.M. DRILL PURPOSE DRILL BOX SEED TREATMENT
10666	EMC		FURADAN 5 GRANULAR SYSTEMIC INSECTICIDE
10676	PLG		PLANT FOG DICOFOL A THERMAL FOGGING MITTICIDE SOLUTION
10693	DIT		DICHLORVOS 20S OIL CONCENTRATE INSECTICIDE
10694	DIT		DI FLORVOS 21E EMULSIFIABLE CONCENTRATE LIQUID INSECTICIDE
10716	CHP		CHIPMAN CHLORDANE 8 INSECTICIDE
10732	VAR		GUARDSMAN DINITRO AMINE WEEDKILLER CONTAINS DINOSEB
10753	SHL		BLVDX HERBICIDE FOR USE IN CORN FIELDS
10776	CHG	CHH	FOLIATION LIQUID CONCENTRATE FOREST INSECTICIDE
10783	PEF		PEPPER MALATHION LIQUID GRAIN PROTECTANT
10796	ANA		SUPER-ANDREX BRAND OF ATRAZINE 80W (80% WETTABLE POWDER) FOR PRE AND EARLY POST EMERGENT WE
10816	GCP		GREEN CROSS FGA ANIMAL KILLER LIQUID HERBICIDE
			ENDOTHALE
10826	CHG	CHH	FURADAN 5 GRANULES SYSTEMIC INSECTICIDE
10827	CHG	CHH	FURADAN 10 GRANULES SYSTEMIC INSECTICIDE
10840	CHG	CHH	BAYLUSCIDE 5 GRANULAR MOLLUSCICIDE
10841	CHG	CHH	BAYLUSCIDE 5 GRANULAR SEA LAMPREY LARVICIDE
10842	CHG	CHH	BAYLUSCIDE-75W WETTABLE POWDER SEA LAMPREY LARVICIDE
10847	GCP		GALECRON 95 SP MITTICIDE-INSECTICIDE
10895	CHG	CHH	DASANIT PLUS THIRAM 50 + 10% GRANULAR INSECTICIDE-FUNGICIDE
10896	CHP		CHIPMAN DRILLBOX D-L PLUS SEED TREATMENT
10904	CGA		PRINCEP 80W WETTABLE POWDER HERBICIDE OF SIMAZINE
10905	CGA		AATREX 80W WETTABLE POWDER HERBICIDE OF ATRAZINE
10906	CGA		PRIMATOL 80W WETTABLE POWDER HERBICIDE OF ATRAZINE
10907	CGA		SIMAPRIM 80W WETTABLE POWDER HERBICIDE OF SIMAZINE
10910	CHG	CHH	SENCOR 50 W P HERBICIDE
10924	VAR		GUARDSMAN V.W. AND R. STAIN CONTROL FUNGICIDE
10925	VAR		GUARDSMAN PENTA PRESERVATIVE CONCENTRATE 1-10
10928	CGA		AATREX 90W WETTABLE POWDER HERBICIDE OF ATRAZINE
10953	IMP		FLIT WEED KILLER
10975	CGA		BASUDIN 50W WETTABLE POWDER INSECTICIDE OF DIAZINON
10976	CGA		BASUDIN 50E EMULSIFIABLE INSECTICIDE OF DIAZINON
10977	CGA		BASUDIN 50S SOLUTION INSECTICIDE OF DIAZINON
10979	CGA		BASUDIN 50 EC INSECTICIDE
10983	GCP		FENITROTHION TECHNICAL INSECTICIDE
10993	DIT		LINDANE 10S OIL CONCENTRATE INSECTICIDE
11013	INT		CO-OP CHLORDANE 8 EC SOIL INSECTICIDE
11018	DUO		HYVAR X-L BROMACIL WEED KILLER
11022	BAT		BARTLETT CYGON 4E SYSTEMIC INSECTICIDE
11025	UNR		LIQUID DYANAP WEEDKILLER CONTAINS NAPTALAM
11029	CHG	CHH	BAYGON U-L-V SPRAY (ULTRA LOW VOLUME) INSECTICIDE
11032	LAT		LATER'S DANDELION WEED KILLER
11045	CGA		AATREX LIQUID HERBICIDE OF ATRAZINE
11049	FIS		FISONS DURSBRAN 50E EMULSIFIABLE INSECTICIDE
11053	CGA		PROMETONE 25E EMULSION HERBICIDE OF 2-METHOXY-4, 6-BIS (ISOPROPYLAMINO)-S-TRIAZINE

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11054	VIT	VIR	T200 TOBACCO INSECTICIDE
11115	UAJ		SEVIN 4 OIL
11129	CHP		GRAMOXONE S LIQUID HERBICIDE CONTAINS PARAQUAT
11137	SUG	SUH	SUMITHION TECHNICAL
11138	SUG	SUH	SUMITHION 100 EC
11148	APB	CHP	CUTRINE ALGAECIDE
11153	AMC	AMI	DESORMONE
11154	SHL		BIRLANE INSECTICIDE 3% GRANULES
11161	ALL		UROX LIQUID OIL CONCENTRATED WEED KILLER
11176	GCP		GREEN CROSS D-L PLUS CAPTAN POWDER CONTAINS DIAZINON, LINDANE AND CAPTAN
11187	CHG	CHH	CO-RAL CATTLE DUSTER CONTAINS COUMAPHOS
11189	FMC		TANDEX-DIURON 80 W.P. HERBICIDE
11190	CHP		CHIPMAN ATRAZINE 80W WETTABLE POWDER HERBICIDE
11191	MRZ		MARZINE FORMULATION OF ATRAZINE 80W HERBICIDE
11211	MOL		LIASSO EC ALACHLOR
11224	VEL		DIVEL INDUSTRIAL LIQUID HERBICIDE
11255	DIT		BROMACIL-16 LIQUID WEECKILLER CONCENTRATE
11259	MOL		LIASSO 10 GRANULAR HERBICIDE
11261	INT		CO-OP CO-SAN LIQUID SEED TREATMENT (TCMTB 30 EC)
11264	VEL		PHOSVEL LIQUID INSECTICIDE
11271	LAT		LATER'S LOW VOLATILE BRUSH KILLER E.C.
11274	CGA		GESAGARD 80 W HERBICIDE
11275	AMC	JOS	FENAVAR LIQUID GENERAL WEED KILLER
11299	DOW		DOW CONTACT WEEDKILLER EMULSIFIABLE CONCENTRATE CONTAINING DINOSEB
11307	FUM		MK GRAIN FUMIGANT
11312	STF		SUTAN 8-E EMULSIFIABLE LIQUID SELECTIVE HERBICIDE
11333	STD		STAN-CHEM 2,4-D ESTER LOW VOLATILE 96 WEED KIL E.C.
11335	BAD	LEI	BAIRD'S DINOSEB, PRE-EMERGENCE DINITRO WEED KILLER
11336	CHP		PIRIMOR 50 WETTABLE POWDER INSECTICIDE
11339	SCT	MLL	SCOTTS PROTURF BROAD SPECTRUM GRANULAR FUNGICIDE CONTAINING PMA AND THIRAM
11351	DUQ		KROVAR 1 WEEDKILLER WETTABLE POWDER CONTAINS BROMACIL AND DIURON
11354	GCP		GREEN CROSS DU-TER FUNGICIDE CONTAINING FENTINHYDROXIDE
11356	SHL		2,4-D AND 2,4,5-7 LIQUID CRUSHKILLER LV 64
11366	STF		FIA 80-20 GRAIN FUMIGANT
11373	KEM		RIDDEX CHLORDANE 80 EMULSIFIABLE CONCENTRATE INSECTICIDE
11386	PFF		PFIZER LIQUID CYANAMIDE GENERAL CONTACT WEED KILLER
11390	OLH		OICHEMCO RAPESEED AND MUSTARD SEED TREATMENT POWDER CONTAINS LINDANE AND CAPTAN
11398	VAR		GUARDSMAN CYTHION 1000 GRAIN PROTECTANT AND INSECTICIDE
11422	UNR		VITAFLO DUAL PURPOSE LIQUID SEED PROTECTANT
11424	DOW		LORSEAN 4C EMULSIFIABLE INSECTICIDE
11442	VAR		GUARDSMAN DINITRO GENERAL WEEDKILLER E.C. CONTAINS DINOSEB
11445	GCP		EKKO 80 W
11449	MRZ		PROGRAM FORMULATION OF ATRAZINE 80W & PROPACHLOR 65% WP
11450	DOW		DURSBAN 6 INSECTICIDE

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANS	A G E N T	PESTICIDE
11451	INT		CO-OP D-L+C INSECTICIDE-FUNGICIDE DUST DRILL BOX SEED TREATMENT POWDER
11461	VAR		GUARDSMAN POTATO TOPKILLER CONTAINS DINOSEB
11467	INT		CO-OP LINDANE 50
11482	FIS		FISON DASANET INSECTICIDE-NEMATOCIDE
11484	CGA		ERANOX 80 W INDUSTRIAL HERBICIDE
11494	MRZ		MARZONE WEEDKILLER CONTAINS DIURON
11522	LAT		LATER'S 25% LINDANE LIVESTOCK INSECTICIDE
11529	INT		DUAL PURPOSE NON-MERCURIAL LIQUID SEED TREATMENT
11530	KEM		RIDDEX DIAZINON 50 E.C. INSECTICIDE
11531	KFM		RIDDEX DIAZINON 50 S INSECTICIDE CONCENTRATE
11539	MBY		TOTRIL SELECTIVE WEEDKILLER FOR USE ON TURF GRASS
11545	EAD	LEI	BAIRD'S DINOSEB POTATO TOP KILLER
11547	VEL		DYCLEAR-24 LIQUID HERBICIDE
11573	INT		CO-OP LOW VOLATILE BRUSH KILLER
11578	APB	JAC	SWIMTRINE LIQUID ALGAECIDE FOR SWIMMING POOLS
11597	CHC		MAG-X-STRING
11628	DOW		TORON 195 HERBICIDE
11681	SAN		SANFAX G.P. 836 CYTHION LIQUID GRAIN PROTECTANT
11720	TRQ		TRUJAN TRL-105 L.V. BRUSH KILLER
11724	DUB		DUIN 70 WEEDKILLER
11725	DUQ		LANNATE L METHOMYL INSECTICIDE
11761	STF		SUTAN-ATRAZINE 18-6 GRANULES
11771	PFF		80 PER CENT DIURON WP
11848	CHC		POTATO SPROUT INHIBITOR
11851	VEL		DY CLEER 4.8-0.5. HERBICIDE
11860	STD		SPROUT NIP
11889	PFF		PFIZER 50 E.C. LIQUID DIAZINON INSECTICIDE
11890	PFF		PFIZER DIAZINON 50 W
11933	CHP		DIAZINON 50W WETTABLE POWDER CONTAINS DIAZINON
11934	CHP		DIAZINON 50 EC
11935	CHP		DIAZINON 50E
11938	CHP		CHIPMAN ATRAZINE 80W WETTABLE POWDER HERBICIDE
11970	SAF		SANEX SANIFUME GRAIN FUMIGANT
12068	DOW		TELONE+ C
12072	STD		STANDARD SASH TREAT
12073	SAF		SANEX CYTHION LIQUID GRAIN PROTECTANT
12076	SAF		CYTHION LIQUID GRAIN PROTECTANT
12095	AVC	KEM	AVITROL CORN CHOPS
12096	AVC	KEM	AVITROL WHOLE CORN
12097	AVC	KEM	AVITROL CONCENTRATE FOR THE CONTROL OF GULLS
12098	AVC	KEM	AVITROL MIXED GRAINS
12106	SAF		AVITROL CORN CHOPS BAIT FOR CONTROL OF SPARROW.
12107	SAF		AVITROL WHOLE CORN BAIT CONCENTRATE FOR CONTROL OF PIGEONS
12131	CYC		AVENGE 517-S
12159	FMC		POLYRAM LINDANE SEEP PROTECTANT
12171	DUQ		LEXONE METRISUZIN WEEDKILLER
12216	KEM		RIDDEX CYTHION ULV CONCENTRATE INSECTICIDE
12219	CAI		CO-RAL CATTLE DUSTER CARTRIDGE

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
12228	DOW		CLASSPAN 2.5 G INSECTICIDE GRANULES
12239	STF		FRALICANT 85 HERBICIDE
12264	KEK		ATRAKEM 500 HERBICIDE
12265	CGA		ERBOTAN 80 W P HERBICIDE
12269	MER		MERZAT GIANT DESTROYER
12300	CHP		CHIPMAN CYGON 4 E
12302	SHL		MORIN WATER MISCIBLE INSECTICIDE
12343	SAF		AVITROL SPARROW MIX
12344	SAF		AVITROL PIGEON MIX
12360	SAZ	CHP	THURICIDE 16B AQUEOUS CONCENTRATE FOR LV AERIAL APPLICATION
12373	CHP		PERIMOR 50 WP INSECTICIDE
12381	CHP		BRUSHKILLER 95 LV ESTER 2:1
12388	MRZ		MARZONE ATRAZINE 50 L
12405	SAF		SANEX SANIFUME-15
12439	SAF		DIAZINON 50-S OIL SOLUBLE
12539	SAF		VAPQ 20 EC
12599	ELA		SPIKE 80 W.P. HERBICIDE
12674	SAF		SANEX SANIFUME 5 LIQUID FUMIGANT
12769	DEX	RCA	DEXOL GOPHER GASSER
12828	CYC		LIQUID PLANT GROWTH REGULANT
12861	PIK		DRILL DRILL BOX SEED PROTECTANT
12864	SAF		CYGON 4E
12865	SAF		CHLORDANE 8 EC
12866	SAF		DIAZINON 50E
12871	ROH		KELTHANE AP-35 WP MITICIDE
12936	STF		IMIDAN 70 WP INSECTICIDE
12944	GAP		GARDO NO 73 LINDANE
12951	OLH		OCEMCO LV 112
12960	FAC	NOF	FAIR-PIK PREPLANT LIQUID SOIL FUMIGANT
12965	CGA		TOPOGARD 50 W HERBICIDE
13058	CGC		FAMID 40 SL INSECTICIDE
13090	CHP		TOPOGARD 50W HERBICIDE
13166	SHL		BLADDEX HERBICIDE
13188	AVC	CHP	AVITROL FC CORN CHOPS
13249	APB	CHP	CUTRINE-PLUS LIQUID ALGAECIDE
13250	BAX		CUTTER SPOTON CATILE INSECTICIDE
13315	INT		CO-OP BUSAN 25 DRILL BOX SEED TREATMENT POWDER
13335	ALS		BRUSH KILLER 112 LV ESTERS
13349	SAF		SAWEX VAPQ 20 ULV CONCENTRATE
13368	DOW		TELONE LIQUID SOIL FUMIGANT
13444	CHP		ATRAZINE 90 WP HERBICIDE
13466	BAX		CUTTER CO-RAL ANIMAL INSECTICIDE
13471	CPC	BAT	NO SCALD DPA LIQ CONCENTRATE
13504	ABE		DIAZINON 50S INSECTICIDE
13505	ABE		DIAZINON 50E INSECTICIDE
13516	DOW		TELONE C-17 NEMATOCIDE
13561	FIS		SIMADAX 80W HERBICIDE
13571	FIS		VECTAL 80 W HERBICIDE
13572	FIS		VECTAL FLOWABLE HERBICIDE

## SCHEDULE 2

REG- IS TRA- TION NO	REGIS- TRANT	A C E N T	PESTICIDE
13614	CHG		CHEM-CIDE 50 SP
13645	ALS		WEEDONE LV 4
13646	ALS		WEEDONE LV 5
13663	PFF		ENDOSULFAN 4 EC
13739	PFF		LIQUID VEGETATION KILLER
13740	CHP		CHIPMAN FLY AND MOSQUITO SPRAY CONCENTRATE
13750	VEL		DYAL LIQUID HERBICIDE
13797	CHP		ALGOSID SR-10 MOSQUITO GROWTH REGULATOR CONTAINING METHOPRENE
13807	GRB	ASH	ALGIMYCIN PLL-C LIQUID ALGICIDE
13808	GRB	ASH	ALGIMYCIN PLL-C SLOW RELEASE ALGICIDE TABLETS
13816	THO		DIMILIN INSECT GROWTH REGULATOR
13885	CGA		SNIP FLY BAIT INSECTICIDE
13890	HAE		HC LWK 1707 TOTAL KILLER FOR WEEDS AND GRASSES
13915	PFF		BRUSHKILLER 112 LV ESTER
13945	APB	CHP	CUTRINE-PLUS GRANULAR ALGAEICIDE
13951	PFF		PEIZER DLO INSECTICIDE FUNGICIDE IN 2 OZ FOIL POUCH
13973	WEN		BJ-CAL TURF FUNGICIDE
14043	ROH		VACOR RATKILLER RODENTICIDE BAIT
14096	AGC	SOL	ATRAZINE 80 W
14100	CHP		CHIPMAN ATRAZINE OIL CONCENTRATE
14109	SAF		SANEX POISON CORN PREPARED BAIT CONTAINING STRYCHNINE FOR CONTR GL OF PIGEONS
14114	CGA		PRIMEXTRA PREEMERGENCE CORN HERBICIDE
14135	AGC	SOL	DIUREX 80 W
14143	ALS		TORCH EMULSIFIABLE HERBICIDE
14163	DUO		VELPAR WEED KILLER SOLUBLE POWDER
14167	DOW		TORDON 2020 HERBICIDE
14170	VEL		VALCAN DYCLEER 10P HERBICIDE PELLETS
14172	INT		CO-OP ATRAZINE 90 W
14179	CHP		TERRAKLENE LIQUID SUSPENSION RESIDUAL HERBICIDE
14180	CHP		TOTA-COL LIQUID SUSPENSION RESIDUAL HERBICIDE
14215	ITT	DKB	MR RAT GUARD RAT AND MOUSE BAIT
14225	CHV		ORTHENE 75 SOLUBLE POWDER INSECTICIDE
14226	CHV		ORTHENE 95 SOLUBLE POWDER FOREST SPRAY CONCENTRATE
14240	BLL	MAK	ZP RODENT BAIT
14258	CHP		CHIPMAN PREMIUM MALATHION GRAIN PROTECTANT
14274	AGC	SOL	SIMAZINE 80W
14307	CHG	CHH	DYLOX 4.2 LIQUID INSECTICIDE
14331	ROH		VACOR RATKILLER RODENTICIDE BAIT
14337	SHL		MATAVEN WILD OAT HERBICIDE
14338	CHP		CHIPMAN SYSTEM 4-E EMULSIFIABLE CONCENTRATE
14339	CHP		CHIPMAN SYSTEM 4-E EMULSIFIABLE CONCENTRATE FOR HOUSEFLY CONTR L
14340	INT		CO-OP ATRAZINE 5 L
14344	CHP		CHIPMAN ATRAZINE 80 WP
14345	CHP		CHIPMAN ATRAZINE 90 WP
14378	FIS		FICAM W INSECTICIDE
14384	ALS		ENVERT DT INVERT EMULSION
14417	KOC	CGA	KOCIDE 101 WP AGRICULTURAL FUNGICIDE

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14478	DIS		DITHOATE 4E SYSTEMIC INSECTICIDE
14499	CHP		CHIPMAN 245-T LV ESTER 112
14505	KEM		SIDDEX ULV TOBACCO INSECTICIDE
14523	PFF		PFIZER ATRAZINE 90 W
14524	PFF		PFIZER ATRAZINE 80.W
14579	SHL		SHELL ATRAZINE 4.8L
14580	SHL		SHELL ATRAZINE 80 W
14581	SHL		SHELL BLAZINE 90 W
14584	ZOC		STARBAR LIQUID GRAIN AND BIN PROTECTANT
14597	SAF		SANEX CYTHIO, ULV CONCENTRATE INSECTICIDE
14600	CHP		CHIPMAN ATRAZINE FLOWABLE
14601	PFF		PFIZER ATRAZINE 5L
14603	SAF		ATITROL FC CORN CHOPS
14617	PFF		PFIZER THIODAN 50 W
14634	FFA	WEB	PERENONE DIAZINON DUAL USE RESIDUAL INSECTICIDE
14637	PFF		PFIZER DIPHENOPROP LV BRUSH KILLER
14652	VEL		VELCAN BANVEL 5 G
14658	ROH		VACOR RAT AND MOUSE KILLER BAIT
14664	UNR		BRUSHKILLER 1:1 LV 96
14677	VIT	VIR	T4D TOBACCO INSECTICIDE
14697	THO		DIMILIN 1 G INSECT GROWTH REGULATOR
14710	NIA		NIAGARA CHLORDANE 8 EC INSECTICIDE
14714	NIA		NIAGARA BRUSHKILLER 1:1 LV 96 EMULSIFIABLE CONCENTRATE
14717	NIA		NIAGARA BRUSHKILLER 2:1 LV 96 EMULSIFIABLE CONCENTRATE
14721	NIA		NIAGARA ETHION 25 WP INSECTICIDE
14728	NIA		NIAGARA THIODAN 50 WP INSECTICIDE
14732	NIA		NIAGARA SINOX PE WATER SOLUBLE DIHYTRO WEEDKILLER
14736	NIA		NIAGARA THIODAN 4E INSECTICIDE
14738	NIA		NIAGARA 2451 LV 112 EMULSIFIABLE CONCENTRATE
14739	NIA		NIAGARA 24D ESTASOL LV 96 WEEDKILLER
14741	NIA		NIAGARA FIXED COPPER WETTABLE POWDER FUNGICIDE
14742	NIA		NIAGARA THIRALIN RAPE AND MUSTARD SEED TREATMENT POWDER
14743	NIA		NIAGARA BRUSHKILLER 1:1 LV 76.8
14744	NIA		NIAGARA ELGETOL LIQUID INSECTICIDE
14745	NIA		NIAGARA DIURON 80 WP HERBICIDE
14747	PIK		PICKSEED DLC DRILL BOX SEED PROTECTANT POWDER
14752	NIA		NIAGARA LINDANE 25 WP INSECTICIDE
14753	NIA		NIAGARA THIRAM 75W FUNGICIDE
14758	NIA		NIAGARA BRUSHKILLER 1:1 LV 112
14767	NIA		NIAGARA CYGON 4.8 E INSECTICIDE
14778	NIA	NIA	NIAGARA DYTOP
14785	NIA		NIAGARA SINOX GENERAL A CONTACT WEED KILLER
14796	NIA		NIAGARA SILVAPROP 1:1 BRUSHKILLER
14800	NIA		NIAGARA PROPATURF LIQUID TURF HERBICIDE
14801	NIA		NIAGARA WAXED MOUSE BAIT 2
14803	NIA		NIAGARA ESTAPROP LV LIQUID WEEDKILLER
14806	NIA		NIAGARA GOPHER POISON
14818	ALS		TBA-4 GENERAL WEED KILLER
14842	CGC		AATREX NINE-0

## SCHEDULE 2

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14864	SAF		SANEX VAPOR 80 INSECTICIDE CONCENTRATE
14866	SAF		SANEX Z-PROS RODENT BAIT
14867	CHG	CHH	SENCOR 5 FLOWABLE HERBICIDE
14887	AGO	LUY	AGSCO DB RED SEED DISINFECTANT AND INSECTICIDE DUST
14893	INT		BENGLIN-R INSECTICIDE-FUNGICIDE DUST
14896	NIA		NIAGARA MUSHROOM HOUSE FUNGICIDE SOLUBLE GRANULAR POWDER
14916	NIA		BIVERT PH LIQUID ADJUVANT
14943	DUQ		LEACHE L METRIBUZIN HERBICIDE
14979	CGC		AATRA PLUS FLOWABLE
14993	CHP		GAMMASAN DRILL BOX SEED TREATMENT POWDER
15032	BAZ		EASAMID GRANULAR SOIL FUMIGANT
15035	CHD		AMEROCIDE FOR CONTROL OF WOOD DESTROYING BEETLES
15075	VEL		VELCAN DYCLEER R S LIQUID HERBICIDE
15086	PFF		PFIZER POTATO TOP KILLER
15109	NIA		NIAGARA ATRAZINE 80 W
15110	CAT		CANTOL BWK-98
15113	RAL		PURINA MANGE CONTROL EC
15249	SAF		SANIFUME 80 SPOT FUMIGANT
15264	CHP		CHIPMAN ATRAZINE 80 W INDUSTRIAL HERBICIDE
15278	GUC		GUARDIAN DEAD AND GONE NON SELECTIVE WEED KILLER
15281	CAT		CANTOL 450 LIQUID NON-SELECTIVE VEGETATION KILLER
15308	AMC	JOS	WEEGONE IEK WOODY PLANT HERBICIDE
15333	SOL		THIONEX 50 WP INSECTICIDE
15353	DIS		STOCKPEST LOUSE SPRAY
15368	BLI	MAK	ZP TRACKING POWDER
15471	CHP		CHIPMAN GRAIN FUMIGANT 80-20 LIQUID
15478	ELA		HERBEC 20F HERBICIDE
15537	UNR		VITAVAX DUAL POWDER SYSTEMIC NON-MERCURIAL SEED PROTECTANT DRILL BOX POWDER
15559	CHV		ORTHENE TREE AND ORNAMENTAL SPRAY
15571	MBY		ZOLONE 35 EC INSECTICIDE
15587	NIA		NIAGARA THIRALIN PLUS FUNGICIDE INSECTICIDE
15611	SHL		BLAGAL LIQUID HERBICIDE
15706	ROH		STAMPEDE CM EMULSIFIABLE CONCENTRATE
15738	SHL		RIPCORD AGRICULTURAL INSECTICIDE
15745	KEM		RIDDEX DDVP-250 ULV INSECTICIDE
15747	CAX		THIODAN 4EC INSECTICIDE
15821	CAX		THIODAN 50 WP INSECTICIDE
15840	SHL		BELMARK EMULSIFIABLE CONCENTRATE
15864	SHL		BIRLANE/THIRAM INSECTICIDE FUNGICIDE
15885	SHL		BLAZINE LIQUID HERBICIDE
15893	DOW		TELONE II LIQUID SOIL FUMIGANT
15894	DOW		TELONE C-17 NEMATOCIDE
15902	FIS		FISONS SIMADEX FLOWABLE
15933	UNR		THIRAM 75 WP FUNGICIDE
15971	NIA		NIAGARA RODENT BAIT
16021	GAX		MALATHION 1000 INSECTICIDE
16198	ABE		WACO MALATHION ULV CONCENTRATE
16209	GAX		LINDANE 25 W INSECTICIDE
16215	WIL		WILSARIN RAT AND MOUSE PELLETS
16434	CGA		RIDONIL 25 W FUNGICIDE FOR POTATOES
16460	SAF		ABATE 4E
16475	CGA		RIDONIL 25 W FUNGICIDE FOR TOBACCO

## SCHEDULE 2

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration Number under Fertilizer Act (Canada)</u>	<u>Registrant under Fertilizer Act (Canada)</u>	<u>Pesticide</u>
1788	Shamrock Chemicals Ltd.	Shamrock 8-32-16 with Disulfoton for Beans
1939	Shamrock Chemicals Ltd.	Shamrock 15-15-15 with Disulfoton for Corn
1940	Shamrock Chemicals Ltd.	Shamrock 18-46-0 with Disulfoton for Corn
2059	Green Valley Fertilizer & Chemical Co. Ltd.	Green Valley 6-10-4 Systemic Rose and Flower Care
2083	Chevron Chemicals (Canada) Ltd.	ORTHO Systemic Rose and Flower Care 8-12-4 Plant Food with 1% Disulfoton
2114	O.M. Scott & Sons Company	22-5-3 with Thiran 5.6% and phenyl mercuric acetate 0.8%

O. Reg. 833/80, s. 4 (Sched. 2).

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
00034	STD		STANDARD REGISTERED FORMALDEHYDE SOLUTION FUNGICIDE
00179	GRA		META SLUG KILLER
00243	CHP		ATLACIDE - SODIUM CHLORATE WEEDKILLER
00334	NIM		NEW RAT-NIP PASTE
00685	NOX		NOXALL EARWIG BAIT
00750	NOX		NOXALL RAT BAIT CONTAINS RED SQUILL
00835	ELL		SODIUM CHLORATE
00967	BET		BERTRAND ROACH POWDER
00997	MBS	COU	CORRY'S SLUG AND SNAIL DEATH
01054	PSA		"REEL" LINDANE RESIDUAL INSECTICIDE
01222	CBT		NEW POWER GENERAL INSECTICIDE - SPACE AND CONTACT SPRAY
01337	PIE		PIED PIPER INSECTICIDE
01420	DUQ		DU PONT AMMATE X WEED AND BRUSH KILLER
01548	CAR		NORANDA BRAND COPPER SULPHATE CRYSTALS
01745	CBT		NEW POWER INSECTICIDE POWDER CONTAINS CHLORDANE
01757	SWH		SWISH COCKROACH SURFACE INSECTICIDE
01820	JBD		WEEDANOL 2,4-D LIQUID LAWN WEED KILLER
01862	EAN		EATONS 2,4-D WEED KILLER AMINE SALT
02150	NOX		NOXALL SLUGO METALDEHYDE BAIT
02238	CHP		CHIPMAN 2,4-D AMINE 80 LIQUID WEEDKILLER
02441	ROH		DITHANE 2-78 W.P. ZINEB AGRICULTURAL FUNGICIDE
02592	RIA		RIESS 2% CHLORDANE SURFACE SPRAY INSECTICIDE
02632	JBD		WEEDANOL 2,4-D AMINE 80
02687	DOW		FORMULA 40 LIQUID FARM WEEDKILLER
02760	PLG		PEST CLOR 40W 40% TECHNICAL CHLORDANE
02791	PLG		SLUG-EM BAIT
02833	GCP		GREEN CROSS 40% CHLORDANE EMULSION
02851	LAT		LATER'S WEED KILLER 2,4-D AMINE LIQUID
02915	CHV		ORTHORIX SPRAY SUPERIOR LIME-SULPHUR FORMULATION
02936	CGA		REX MOUSE-TOX CONTAINS STRYCHNINE
03063	CHP		WARBICIDE 5 ROTENONE INSECTICIDE
03082	DOW		DOW SODIUM TCA 95% - GRASS AND CONIFER KILLER
03170	VAR		CYPRO EMULSION CONCENTRATE
03186	GCP		GREEN CROSS 80 LIQUID 2,4-D WEED KILLER
03215	PIE		PIED PIPER DOG SHAMPOO CONTAINS CHLORDANE
03277	PIE		PIED PIPER INSECTICIDE
03384	CHP		CHIPMAN TCA, 95% SODIUM SALT, GRASS KILLER POWDER
03413	PIE		PIED PIPER KWIK-KILL MOUSE SEED
03465	BIE		BIKOE 2% CHLORDANE RESIDUAL INSECT SPRAY
03479	GCP		GREEN CROSS ANT AND GRUB KILLER (5% CHLORDANE DUST)
03517	ALS		NO-WEED 2,4-D AMINE 80 LIQUID WEED KILLER
03518	LAT		LATER CHLORDANE INSECT DUST
03541	CBT		NEW POWER RESIDUAL SPRAY CONTAINING CHLORDANE AND LINDANE
03608	TEI		NEVAROT WATER REPELLENT WOOD PRESERVATIVE
03645	KEM		DED-RAT RODENTICIDE (CONTAINING WARFARIN)
03676	INT		CO-OP 2,4-D AMINE 800Z, LIQUID WEED KILLER
03713	BRG		FAIRVIEW WARFARIN RAT POISON
03763	SAR		SARM 0.5% WARFARIN RAT POISON CONCENTRATE
03780	CHV		ORTHOCIDE 50 WETTABLE POWDER FUNGICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
03794	PLG		NO DAMP
03856	PEM		PESTROY RESIDUAL INSECTICIDE CONTAINS CHLORDANE
03884	CAX		BRASSICOL SOIL DISINFECTANT CONTAINS QUINTOZENE
03913	CHP		CHIPMAN CUCURBIT DUST INSECTICIDE-FUNGICIDE
03927	AMC	AMI	WEEDAR 80 2,4-D AMINE LIQUID WEED KILLER
03937	WIL		WILSON'S 0.5% WARFARIN CONCENTRATE
03955	CHV		ORTHO TOMATO AND VEGETABLE DUST INSECTICIDE-FUNGICIDE
03956	PIO		PIONEER LIQUID WEED KILLER 2,4-D AMINE 80
04025	SAR		SARM AMINE 2,4-D 80 LIQUID WEEDKILLER
04058	CHV		ORTHO-KLOR CHLORDANE DUST INSECTICIDE
04067	CHP		METHOXONE SODIUM 48. MCPA LIQUID WEEDKILLER
04132	CHV		ORTHO-KLOR 44 CHLORDANE SPRAY INSECTICIDE
04138	DUQ		MANZATE MANEB FUNGICIDE
04155	WIL		WILSON'S 2,4-D AMINE LIQUID WEEDKILLER
04159	SIR		LINDANE 5%
04220	PRX		PROTEX INSECTICIDE CHLORDANE 2%
04235	SAA		TRIPLEX RESIDUAL INSECTICIDE
04253	FMC		WONDER WEEDER
04282	GCP		GREEN CROSS 50% MALATHION EMULSIFIABLE CONCENTRATE
04294	GCP		GREEN CROSS TCA HERBICIDE
04343	GCP		GREEN CROSS MCPA SODIUM SALT 48 WEED KILLER
04397	WIP		BAN-A-BUG CHLORDANE RESIDUAL SPRAY
04559	STF		CAPTAN 50-W FUNGICIDE POWDER
04588	CYC		CYTHION MALATHION 25 WP
04590	CYC		MALATHION 50% CYTHION EMULSIFIABLE LIQUID INSECTICIDE
04638	PLG		PLANT PRODUCTS MALATHION 50% EMULSIFIABLE CONCENTRATE
04669	ROG		HIGH LEVEL TCA COUCH GRASS KILLER SOLUBLE PELLETS
04709	PFF		CALSA 50% MALATHION INSECTICIDE
04741	INT		CO-OP MCPA AMINE 64 LIQUID WEED KILLER
04764	TUC		FLORBAIT FLY KILLER CONTAINS DICHLORVOS
04779	WHL		HYDROL-TO BE USED AS A LITTER SPRAY AND INSECTICIDE
04791	RAL		PURINA HORSE AND LIVESTOCK SPRAY CONCENTRATE
04837	MBB	SEV	RED DEVIL DRY WEED KILLER
04860	CHP		CHIPMAN MALATHION 50 EMULSIFIABLE CONCENTRATE
04863	INT		CO-OP WARBLE POWDER
04864	CHP		CHIPMAN 25% MALATHION WETTABLE POWDER INSECTICIDE
04878	LAT		LATER'S METHOXYCHLOR 50 WETTABLE POWDER
04916	AMC	AMI	WEEDAR MCP CONCENTRATE
04918	ROH		DITHANE M-22 AGRICULTURAL FUNGICIDE CONTAINS MANEB
04937	ALS		NO-WEED MCPA AMINE 64 WEED KILLER
04989	GAH	BAU	"ARNOLD" WEED-O-SPRAY
05016	RER		KLORDUST 5
05054	DUQ		DU PONT MARLATE 50% METHOXYCHLOR INSECTICIDE
05063	KER	VAR	THREE ELEPHANT TRONABOR
05080	WIL		WILSON'S WATER SOLUBLE WARFARIN
05095	CGD		MITIN F F HIGH CONC
05125	CBL		CARDEL ROACH AND ANT KILLER RESIDUAL INSECTICIDE
05136	CHP		CHIPMAN FERBAM WETTABLE POWDER FUNGICIDE
05139	CHV		ORTHOICIDE GARDEN FUNGICIDE CONTAINS 50% CAPTAN

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
05141	CHV		ORTHO MALATHION 50 SPRAY INSECTICIDE
05168	PLG		PLANTCO MILDEW DUST
05194	GAH	BAU	"ARNOLD" CHLORDANE SPRAY CARTRIDGE
05204	MEC		AGRISTREP STREPTOMYCIN SULFATE AGRICULTURAL TYPE A
05206	MBE		MARQUETTE 5% CHLORDANE DUST
05212	MBE		MALATHION 50% INSECTICIDE
05276	BAT		BARTLETT MALATHION W.P. 25%
05316	FIS		FISONS PHENOXYLENE PLUS MCPA SELECTIVE WEEDKILLER
05323	DOW		DOWPON, SOLUBLE POWDER GRASS KILLER, WITH DALAPON
05339	OSD		PENTOX PRIMER SEALER WOOD PRESERVATIVE CLEAR
05353	ACE	SIL	ACE FLEA COLLAR WITH LINDANE FOR DOGS, FLEA COLLAR WITH LINDANE FOR CATS
05362	SHL		2,4-D LIQUID WEEDKILLER AMINE 80
05369	LAT		LATER'S CUTWORM, ANT & GRUB KILLER
05371	LAT		LATER'S CAPTAN FUNGICIDE 50-W
05429	GAP		GARDO NO. 16 FLY BAIT
05442	CHP		CHIPMAN 7.5% CAPTAN DUST FUNGICIDE
05449	KIN		KING ROSE GLADIOLUS AND FLOWER DUST OR SPRAY
05457	GCP		GREEN CROSS PHYGON-XL FUNGICIDE
05460	INT		CO-OP MCPA SODIUM SALT 48 LIQUID WEED KILLER
05488	WIL		WILSON'S 50% CAPTAN FUNGICIDE
05508	LAT		LATER'S M.C.P.A. AMINE-64 HERBICIDE
05514	CAA		CADILLAC MALATHION 50% EMULSIFIABLE CONCENTRATE
05639	WIL		WILSON'S SOIL STERILIZER
05739	LAT		LATER'S SLUG DUST CONTAINS METALDEHYDE
05745	CYC		AMINO TRIAZOLE WEEDKILLER CONTAINS AMITROLE
05753	FED		F.G.L. RAT-X WATER SOLUBLE RAT AND MOUSE KILLER
05821	INT		CO-OP MALATHION 50 INSECTICIDE
05891	LOR		MALATHION 50E LORRAIN INSECTICIDE
05931	PFF		CALSA AMINE LIQUID 2,4-D WEED KILLER
05937	MBY		TROPOTOX MCPB SODIUM SALT SELECTIVE WEEDKILLER
05942	GCP		GREEN CROSS MCPA AMINE 80 WEED KILLER
05981	NAL		NATIONAL MCPA AMINE WEED KILLER
06017	CHG	CHH	DIPTEREX SUGAR BAIT FLY KILLER CONTAINS TRICHLORFON
06022	SAF		SOM EMULSIFIABLE CONCENTRATE INSECTICIDE
06024	SAF		NO. 2 CHLORDANE INSECTICIDE
06047	ALS		NO-WEED MCPA AMINE 80 WEED KILLER
06094	RIE		RIESS VERMIN KILLER 2% CHLORDANE SURFACE SPRAY
06117	DOW		MCPA AMINE 64 LIQUID FARM WEEDKILLER
06192	GCP		GREEN CROSS MULTI-PURPOSE FLOWER AND VEGETABLE DUST
06222	TUC		STOKPEST POWDER CONTAINS LINDANE
06224	TUC		STOKPEST LOUSE SPRAY CONCENTRATE CONTAINS LINDANE
06260	RAL		PURINA MALATHION SPRAY
06274	PFF		CALSA AMINE M.C.P.A. WEEDKILLER
06298	LAT		LATER'S GARDEN FUNGICIDE
06335	LAT		LATER'S LIME SULPHUR
06339	CHV		ORTHO LIQUID CRAB GRASS KILLER
06373	SHL		SHELL MCPA WEEDKILLER AMINE 80
06375	SHL		2,4-D LIQUID WEEDKILLER AMINE 96

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
06410	LIE		TIM-BER-LOX GREEN WOOD PRESERVATIVE
06437	CHP		PHYGON - XL WETTABLE POWDER FUNGICIDE
06453	STF		VAPAM SOIL FUMIGANT CONTAINING METAM SODIUM
06502	BRG		FAIRVIEW 50% MALATHION EMULSIFIABLE CONCENTRATE
06549	PLG		PEST CLOR LIQUID 45 (FORMULATED WITH CHLORDANE)
06583	BRG		FAIRVIEW WATER SOLUBLE WARFARIN RAT AND MOUSE KILLER
06630	DOW		KORLAN 24E
06639	RAL		HCG AND CATTLE DUSTING POWDER
06702	BAT		BARTLETT PHYGON XL DICHLONE WETTABLE POWDER
06713	LAT		LATER'S MALATHION 500 E.C.
06721	SCL	WAG	RAX RODENT KILLING POWDER CONTAINS PINDONE
06731	CHG	CHH	DYRENE 50% WETTABLE POWDER FOLIAGE FUNGICIDE
06745	PSA		"REEL", CHLORDANE INSECTICIDE
06757	REC		RECORD'S CREOSOTE WOOD PRESERVATION LIQUID
06797	WIL		WILSON'S ANT AND GRUB KILLER CONTAINS 50% CHLORDANE
06839	UAJ		CRAIG SEVIN 50W (CARBARYL) WETTABLE POWDER INSECTICIDE
06860	DUH	FMC	DUPHAR TEDION V 18 EXTRA SMOKE GENERATOR INSECTICIDE
06878	LET	BRT	BORERKIL INSECTICIDE PASTE
06908	AMC	JOS	AMCHEM ROOTONE WITH FUNGICIDE
06910	WIL		WILSON'S TOMATO AND VEGETABLE DUST
06916	LAT		LATER'S SLUG BAIT - CONTAINS METALDEHYDE
06921	MAZ		POISON A SOURIS MARC-O (MARC-O MICE KILLER)
06936	LAT		LATER'S SLUG AND SNAIL KILLER NO.50, CONTAINS METALDEHYDE
06937	TUC		ACTI-DIONE P.M. FLOWER FUNGICIDE
06948	LAT		LATER'S READY-TO-USE WOOD PRESERVATIVE
06967	STD		STAN-CHEM 2,4-D AMINE 80 WEED KILLER
06968	GAH	BAU	"ARNOLD" METHOXYCHLORS PRAY CARTRIDGE
06969	STD		STAN-CHEM MCPA AMINE 80 WEED KIL
06970	GAH	BAU	"ARNOLD" MALATHIONSPRAY
06972	GAH	BAU	"ARNOLD" CAPTAN SPRAY
06977	CHV		ORTHOCEM 65 SEED PROTECTANT (SLURRY FORMULATION)
06984	MOB		PENTANOL CLEAR FUNGICIDE
06994	CHP		CHLORATE, SODIUM METABORATE
06998	LAT		LATER'S FORMALIN FUNGICIDE SOLUTION FOR SEED TREATMENT
07030	FMC		ETHION 5 GRANULAR INSECTICIDE
07033	PLG		SODAR CRABGRASS KIL
07046	MOL		VEGADEX EMULSIFIABLE CONCENTRATE
07062	STF		EPTAM 5 G
07108	ALS		NO-WEED MCPA SODIUM SALT 48 WEED KILLER
07113	AMC	AMI	WEEDONE 2,4-D WEED KILLER 638
07121	CHG	CHH	DYLOX 50% SOLUBLE POWDER INSECTICIDE
07131	HOS		1-18 SOLIGNUM HYDRO CREOSOTE WOOD PRESERVATIVE LIQUID
07162	AMC	AMI	AMITROL-T LIQUID AMITROLE WEEDKILLER
07192	CHV		ORTHO PHALTAN 50 WETTABLE POWDER FUNGICIDE
07193	NIM		MOUSE-NIP
07194	CHV		ORTHO PHALTAN ROSE AND GARDEN FUNGICIDE
07216	WIL		WILSON'S ALL PURPOSE FUNGICIDE
07251	OLC	FOB	OLIN - QUINTOZENE (TERRACLOR) SOIL FUNGICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
07264	CHV		ORTHO HOME ORCHARD SPRAY CONTAINS CAPTAN MALATHION AND METHOXYCHLOR (INSECTICID)
07270	DUR		DURAL'S WOOD PRESERVATIVE
07315	CYC		CYPREX DODINE 65-W FUNGICIDE
07319	AVM		AVMOR-KIL RESIDUAL INDUSTRIAL INSECTICIDE
07331	GUF		CARBYNE WILD OAT HERBICIDE
07335	FMC		NIAGARA LIQUID CRABGRASS KILLER
07363	MBY		COMPTOX MECOPROP POTASSIUM SALT SOLUTION WEEDKILLER
07376	HYD	FER	BUGONEX HOUSE PLANT BUG KILLER SPRAY
07380	HYD	FER	BUGONEX AFRICAN VIOLET BUG SPRAY
07386	WIL		WILSON'S DORMANT SPRAY LIQUID LIME SULPHUR
07412	STD		STAN-CHEM SELECTIVE HERBICIDE CHLORPROPHAM
07416	STD		STAN-CHEM SELECTIVE GRANULAR HERBICIDE
07434	CHG	CHH	CO-RAL 0.5% DUST ANIMAL INSECTICIDE CONTAINS COUMAPHOS
07456	FMC		MALATHION 50 SPRAY INSECTICIDE
07480	STF		FOLPET (PHALTAN) 50-WP AGRICULTURAL FUNGICIDE
07482	STF		FOLPET (PHALTAN) 75-WP AGRICULTURAL FUNGICIDE
07512	PLG	FMC	DUPHAR TEDION V 18 SMOKE GENERATOR MITICIDE
07558	FLR		FLOREX INSECTICIDE DE CONTACT ET D'ATMOSPHERE
07559	AMC	AMI	AMIZOL SOLUBLE POWDER WEED KILLER
07560	FLR		FLOREX POUR FERME ET BESTIAUX INSECTICIDE
07572	INT		CO-OP DALAPON GRASS KILLER
07615	SHW		KEM WOOD PENTA SEALER-PRESERVATIVE (CLEAR) NO. 453
07639	CHP		REGLONE CONTAINS DIQUAT, A LIQUID HERBICIDE
07647	CHG	CHH	DYLOX 5% GRANULAR CROP INSECTICIDE
07667	RAL		FLY BAIT (DRY KILLER) CONTAINS DICHLORUOS
07671	JOH		RAID PRESSURIZED ANT AND ROACH KILLER WITH CHLORDANE
07674	CHV		ORTHO FLY KILLER D EMULSIFIABLE CONCENTRATE
07687	LAT		LATER'S DALAPON WETTABLE POWDER GRASS KILLER
07695	PEN		PESTROY STORED PRODUCTS INSECTICIDE
07697	CYC		AMITROLE 90 WEEDKILLER
07715	PLG		SKOOT REPELLENT FOR RABBITS, MICE AND DEER
07717	BAT		BARTLETT THIRAM REPELLENT - RABBIT AND RODENT REPELLENT
07739	NOZ		CUSTOM GRADE GUARD INSECT REPELLENT
07741	NOZ		CUSTOM GRADE GUARD EXTRA STRENGTH INSECT REPELLENT
07743	AMC	AMI	AMIBEN LIQUID PRE-EMERGENT HERBICIDE
07753	PFF		CALSA AMINE 80 LIQUID 2,4-D WEED KILLER
07812	STD		STAN-CHEM MCPA SODIUM 48 WEED KIL
07814	GAP		GARDO #28 STOCKFLY POWDER
07829	FIS		FISONS SIMAZINE 4G(4% GRANULAR) HERBICIDE
07835	TAS		ATRA-PELL GRANULAR SOIL STERILANT
07839	BFT		BROOKDALE-KINGSWAY'S KURALL INSECTICIDE-FUNGICIDE CONTAINS METHOXYCHLOR, MALAT
07855	ABE		WACO CHLORDANE NO.2 RESIDUAL INSECTICIDE
07876	CHG	CHH	DYRENE 50% WETTABLE POWDER TURF FUNGICIDE
07880	CHG	CHH	META-SYSTOX-R 5% GRANULAR SYSTEMIC INSECTICIDE
07893	CYC		CYTRON - AMITROLE LIQUID WEEDKILLER
07952	CHG	CHH	BAY 29493 3% DUST ORNAMENTAL INSECTICIDE
08020	CHP		CHIPMAN GRANULAR DRIVEWAY WEEDKILLER

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
08035	RER		REL-EX STOP-PEST LIQUID HOUSEHOLD INSECT DESTROYER
08042	GCP		SEVIN 50W INSECTICIDE
08043	DOW		RUELENE 25 E POUR
08075	FMC		CAPTAN 50 FUNGICIDE SPRAY WETTABLE POWDER
08077	CHV		ORTHO GREENHOUSE DIBROM INSECTICIDE CONTAINING NALED
08102	AMR		MIST-AIR POWDER
08103	CAO		BULLDOG GRIP WOOD PRESERVATIVE
08108	LAT		LATER'S LIQUID POLYSUL - SUPERIOR LIME SULPHUR
08140	LAT		LATER'S ONION MAGGOT GRANULES - CONTAINING ETHION
08144	LAT		LATER'S 15% ZINEB DUST FUNGICIDE
08151	UAJ		CRAIG SEVIN 80S (CARBARYL) SPRAYABLE POWDER INSECTICIDE
08159	CHP		CHIPMAN LAWN WEEDKILLER LIQUID MECOPROP PLUS 2,4-D
08166	CHG	CHH	CO-RAL NEGUVON PRESSURIZED SPRAY
08167	MOL		AVADEX BW (TRIALATE) SELECTIVE HERBICIDE
08168	CHD		POL-NU PAK GROUND LINE POLE TREATMENT BANDAGE
08169	GRA		META SLUG PELLETS
08170	CHD		POL-NU PENTA PRESERVATIVE GREASE
08184	CHP		SEVIN 85W, SPRAYABLE POWDER INSECTICIDE
08197	MOL		VEGADEX GRANULAR SELECTIVE HERBICIDE
08211	MBY		TROPOTOX PLUS-64 MCPB/MCPA SODIUM SALTS SOLUTION SELECTIVE WEEDKILLE
08223	BAZ		BASFAPON GRASS KILLER
08241	LIE		TIM-BER-LOX FUNGICIDED WOOD PRESERVATIVE 4421
08253	DOW		MCPA SODIUM SALT 48 FARM WEEDKILLER SOLUTION
08287	DUQ		DU PONT LOROX LINURON WEED KILLER
08289	HOO	PLG	PENTAC WP MITICIDE
08349	CHP		CHIPMAN I.F. DUAL PURPOSE SEED TREATMENT
08350	CHG	CHH	DEXON-TERRACLOR 5-5 GRANULAR SOIL FUNGICIDE
08352	CHG	CHH	DEXON 5% GRANULAR SOIL FUNGICIDE
08354	KIN		KING FRUIT TREE SPRAY POWDER INSECTICIDE FUNGICIDE CONTAINI MALATHION METHOXYCHLOR CAPTAN
08370	SHL		VAPONA INSECTICIDE LIVESTOCK SPRAY CONTAINS DICHLORVOS
08371	FIS		FISONS ROGOR 40 EMULSIFIABLE LIQUID INSECTICIDE
08373	ALS		ACS GRASS KILLER (SODIUM TCA 94%)
08393	STF		TILLAM 7.2 -E SELECTIVE HERBICIDE
08404	DQO		C.C.C. PENTOL-5% TECHNICAL PENTACHLOROPHENOL
08406	DOO		C.C.C. CREOSOTE OIL - 97%
08418	WHL		CRESANOL - 20 TAR ACID DISINFECTANT
08419	LAT		LATER'S PYRETHRUM EMULSIFIABLE CONCENTRATE
08445	ABE		WACO .5% LINDANE RESIDUAL SOLUTION
08451	USB	CBU	MONOBOR-CHLORATE WEED AND GRASS KILLER
08466	MBE		MARQUETTE INSECTICIDE ET FONGICIDE POUR ARBRES FRUITIERS
08469	INT		CO-OP LIQUID LAWN WEED KILLER CONTAINS 2,4-D AMINE
08480	INT		CO-OP MALATHION INSECT SPRAY
08524	INT		CO-OP PREMIUM LAWN WEED KILLER
08548	MBE		MARQUETTE VAPONA FLY BAIT CONTAINS DICHLORVOS
08556	ROH		DITHANE M-45 AGRICULTURAL FUNGICIDE
08567	CYC		CYON 2-E EMULSIFIABLE CONCENTRATE INSECTICIDE
08570	FMC		POLYRAM 80 W FUNGICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
08580	WAK	WAL	WATKINS FLY BAIT CONTAINING DICHLORVOS
08582	FIS		HOPPER-TOX 64 DIMETHOATE INSECTICIDE
08588	CHG	CHH	MORESTAN 25% WETTABLE POWDER MITICIDE FUNGICIDE INSECTICIDE
08593	MBY		SUPER COMPITOX LIQUID LAWN WEEDKILLER
08595	MBY		COMPITOX WEEDKILLER FOR TURF
08620	BAT		BARTLETT METHOXYCHLOR 50% W.P. INSECTICIDE
08624	ABE		WACO 500M MALATHION EMULSIFIABLE CONCENTRATE
08643	BRG		FAIRVIEW WEED COP/MCPA/AMINE 80 WEED KILLER
08644	TUC		FLYMOR PREMIUM FLY SPRAY CONTAINS DICHLORVOS
08651	ALS		CALMIX PELLETS NO 2
			O
08660	BIE		BIKOE DIAZINON RESIDUAL INSECT SPRAY
08699	WIL		WILSON'S PROLIN CONCENTRATE CONTAINS WARFARIN AND SULFAQUINOXALINE
08701	ROH		STAM F-34 POST-EMERGENCE HERBICIDE FOR POTATOES
08751	PLA	GIE	DAIRY-EEZ FORMULA 3, VAPONA ANIMAL SPRAY CONTAINS DICHLORVOS
08768	CHG	CHH	BAYGON 2% ROACH BAIT INSECTICIDE
08770	CHG	CHH	BAYGON SPRAY CONCENTRATE INSECTICIDE
08772	TUC		BOTRAN 75W FUNGICIDE
08775	PLG		PLANT-FUME SMOKE FUMIGATOR
08781	SHL		VAPONA INSECTICIDE FOGGING SOLUTION CONTAINS DICHLORVOS
08791	STD		STANGARD PENTA READY-TO-USE WOOD PRESERVATIVE
08799	STD		STANGARD PENTA WR CONCENTRATE 1-4 WOOD PRESERVATIVE
08801	STD		STANGARD PENTA WR, READY-TO-USE WOOD PRESERVATIVE
08804	USB	CBU	TIM-BOR A SOLUBLE POWDER FOR PREVENTION OF FUNGAL AND INSECT ATTACK ON LUMBER
08808	CHG	CHH	DYRENE LAWN FUNGICIDE WP
08819	CHP		CHIPMAN SLUG KILLER PELLETS, CONTAINS METALDEHYDE
08845	RAW		RAWLEIGH DICHLORVOS CATTLE AND BARN SPRAY
08849	RAW		RAWLEIGH DICHLORVOS DRY FLY BAIT
08852	USB	CBU	MONOBOR-CHLORATE GRANULAR D NONSELECTIVE WEED & GRASS KILLER
08862	AMC	AMI	VEGIBEN LIQUID
08864	AMC	AMI	VEGIBEN GRANULAR PRE-EMERGENT HERBICIDE
08871	AMC	AMI	AMIBEN GRANULAR
08905	WEA		WEEDEX GRASS KILLER - A WETTABLE POWDER WITH DALAPON
08920	FRD		FRANKLIN BRICON BACKRUBBER INSECTICIDE CONCENTRATE
08923	GAP		GARDO NO.34 LIVESTOCK AND BARN INSECTICIDE SPRAY
08950	CHG	CHH	DYLOX LIQUID SOLUTION ORNAMENTAL INSECTICIDE
08963	DIA		DACTHAL W-75 SELECTIVE HERBICIDE
08971	LAT		LATER'S SLUG AND SNAIL KILLER - CONTAINS METALDEHYDE
08975	CHP		CHIPMAN MECOPROP AMINE 64 SELECTIVE WEEDKILLER
08988	VIT	VIR	LETHALAIRE G-68 AEROSOL INSECTICIDE
08989	HAU		HARTZ MOUNTAIN FLEA KILLER COLLAR FOR DOGS AND CATS
08994	MCC		BACK RUBBER CONCENTRATE
09001	SAL		DR. SALSBUURY'S SEVIN PEST SPRAY
09017	SHL		SHELL MCPA WEEDKILLER SODIUM SALT 48 CONTAINS MCPA
09025	AMC	AMI	AMITROL PRESSURIZED SPRAY
09034	LAT		LATER'S 10% METHOXYCHLOR DUST

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09057	STF		BETASAN 4-E EMULSIFIABLE HERBICIDE
09082	DUQ		MANZATE D MANEB FUNGICIDE
09088	POP		POULINS INSECT DOOM DUST
09094	RIA		RIESS PROLIN RAT KILLER CONCENTRATE
09097	GAL		PEAK OF THE MARKET 3.5% ZINEB DUST
09099	GCP		GREEN CROSS COMPLETE POTATO AND VEGETABLE DUST
09103	WIL		WILSON'S MULTI-WEEDER
09110	HOS		10-10 SUPER SOLIGNUM CLEAR WOOD PRESERVATIVE
09133	TUC		COWFLY SPRAY AND BACKRUBBER CONCENTRATE
09150	NAC		NATIONAL CHEMSEARCH TURF-CIDE INSECTICIDE
09155	MBE		INSECTICIDE AU D.D.V.P. POUR VAPORISER SUR LES BESTIAUX
09171	LAI	NAQ	FLOMOR PARAFORMALDEHYDE PELLETS
09172	GCP		GREEN CROSS SEVIN 50 W INSECTICIDE
09177	CBE		CANADIAN TIRE AMINE 40 2,4-D LIQUID WEED KILLER
09178	INT		CO-OP MCPA AMINE 80 LIQUID WEED KILLER
09182	SHL		CIODRIN 20 EMULSIBLE CONCENTRATE LIVESTOCK INSECTICIDE
09183	RAL		PURINA DAIRY SPRAY SPECIAL READY TO USE OIL BASE INSECTICIDE
09184	ELA		GREENFIELD WEED PREVENTER - GRANULAR, FOR FLOWER BEDS, AND SHRUBBERY WITH TRITLURALIN 1.4
09186	SHL		CIOVAP * INSECTICIDE LIVESTOCK SPRAY
09191	GCP		GREEN CROSS MECOPROP LIQUID HERBICIDE
09195	INT		CO-OP FLY GRANULES (CONTAINS DICHLORVOS)
09197	INT		CO-OP GRANULAR SOIL STERILANT, WEED AND GRASS KILLER
09199	INT		CO-OP GRASS AND WEED KILLER GRANULAR
09207	LAT		LATER'S SLUG AND SNAIL KILLER PELLETS
09210	CHP		CHIPMAN GARDEN FUNGICIDE
09213	JUD	FMC	KILLER KANE JET WEEDKILLER POWDER PELLETS CONTAINING 2,4-D AND FENOPROP
09224	GRO		ORCHARD LIME SULPHUR SOLUTION
09243	GRA		GREENLEAF LIME SULPHUR SOLUTION
09245	FMC		SYSTEMIC CYGON 2-E - KILLS GARDEN INSECTS
09257	ELA		ELANCO TREFLAN E.C. A SELECTIVE WEEDKILLER
09284	CHP		METHOXONE AMINE 80 MCPA LIQUID WEEDKILLER
09286	NAC		CHEMWEED-265 SELECTIVE WEED KILLER CONTAINS MECOPROP
09290	CBL		CARDEL LIVESTOCK SPRAY (CONTAINS DICHLORVOS)
09292	UNR		LIQUID ALANAP PLUS WEEDKILLER
09294	DUQ		DU PONT TUPERSAN SIDURON WEED KILLER
09312	CHP		CHIPMAN METHOXYCHLOR 50W INSECTICIDE
09318	LAT		LATER'S ZINEB 80 W.P. FUNGICIDE
09319	STF		CAPTAN 7.5 DUST AGRICULTURAL FUNGICIDE
09331	PEN		PESTROY AEROSOL INSECTICIDE SPACE AND CONTACT SPRAY CONTAINING PYRETHRINS AND PIPERONYL BUTOX
09342	ALS		CALMIX PELLETS NO 3
09350	GCP		GREEN CROSS KILLEX LIQUID CONTAINS 2,4-D, DICAMBA AND MECOPROP
09364	MAP		PRE-SAN EMULSIFIABLE - A SELECTIVE HERBICIDE FOR TURF
09390	HFB	HEC	AZAK SELECTIVE PRE-EMERGENCE HERBICIDE 80% WETTABLE POWDER
09391	MON		M.P. LIQUID INSECTICIDE
09400	CBR	MCM	FORMULA CH-19 AN INSECTICIDE FOGGING SOLUTION

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09401	CBR	MCM	FORMULA GH-16 INSECTICIDE FOGGING SOLUTION
09402	CBR	MCM	FORMULA GH-18, AN INSECTICIDE FOGGING SOLUTION
09405	CBR	MCM	FORMULA GH-41 FUNGICIDE FOGGING SOLUTION CONTAINING COPPER
09408	CHG	CHH	DYLOX-META-SYSTOX-R MULTI-PURPOSE SYSTEMIC INSECTICIDE
09419	CHG	CHH	NEGUVON POUR-ON CATTLE INSECTICIDE CONTAINS TRICHLORFON
09423	PLG		PLANT FOG CHLORO BENZILATE THERMAL FOGGING SOLUTION
09434	CHG		NEGUVON 80% SOLUBLE POWDER ANIMAL INSECTICIDE
09436	CBR	MCM	FORMULA GH-27 INSECTICIDE FOGGING SOLUTION
09438	CBR	MCM	FORMULA GH-33 MITICIDE FOGGING SOLUTION
09448	SHL		CIOVAP-INSECTICIDE
09455	GAP		GARDO ANTI-FLEA COLLAR WITH LINDANE FOR DOGS AND CATS
09457	CHP		WEEDRITE PARAQUAT AND DIQUAT GRANULES
09459	SAN		SANFAX INSECTO JET - STREAM KILLER
09465	CHV		ORTHO SUPER WEED-B-GON SPRAY
09473	SHL		VAPONA INSECTICIDE
09477	ECK	ELZ	MAIN LINE GOPHER GETTER BAIT CONTAINING STRYCHNINE
09492	MBE		MARQUETTE SEVIN 50% INSECTICIDE
09494	MBE		MARQUETTE 40% CHLORDANE EMULSION CONCENTREE
09498	CHG	CHH	MORESTAN 2% DUST MITICIDE - INSECTICIDE-FUNGICIDE
09509	GCP		TENORAN 50% WP HERBICIDE CONTAINS CHLOROXYURON
09513	WIL		WILSON'S 5% CHLORDANE DUST INSECTICIDE
09516	PFF		PFIZER MCPA AMINE 80 LIQUID FARM WEED KILLER
09523	FMC		POLYRAM 7 DUST FUNGICIDE
09524	LAT		LATERS GRANULAR HYBOR D SOIL STERILANT BORAX, BROMACIL AND 2,4-D
09528	DOW		2,4-D AMINE 80 LIQUID FARM WEED KILLER
09535	REC		PENTA-PHENOL PAINTABLE WOOD PRESERVATIVE
09537	INT		CO-OP FRUIT AND SHRUB WETTABLE POWDER, SPRAY OR DUST INSECTICIDE, FUNGICIDE
09547	PFF		PFIZER 2,4-D AMINE 80 LIQUID FARM WEED KILLER
09552	JUD	FMC	KILLER KANE KARTRIDGES FOR DANDELIONS AND BROADLEAF WEEDS
09553	DIB	DIA	DACAMINE LIQUID 2,4-D WEED KILLER
09554	LAT		LATER'S LIQUID MECOPROP SELECTIVE WEED KILLER
09578	MET		METASOL THIRAM-MERCURY TURF FUNGICIDE POWDER
09582	STF		CAPTAN 80-WP FUNGICIDE
09586	ALS		ACS 74% DALAPON GRASS KILLER SOLUBLE POWDER
09602	MOL		RAMROD 65 WETTABLE POWDER WEEDKILLER
09603	GCP		GREEN CROSS CASORON GRANULAR HERBICIDE
09606	VEL		VELSICOL BANVEL 3 LIQUID HERBICIDE
09631	GCP		GREEN CROSS PATORAN 50 W.P. HERBICIDE
09634	CHP		CHIPMAN POTATO SEED PIECE DUAL PURPOSE TREATMENT
09656	INT		CO-OP SLUG BAIT CONTAINS METALDEHYDE
09661	FMC		LIQUID CHLORDANE 40 SPRAY INSECTICIDE
09669	ROH		DITHANE M-22 SPECIAL W.P. MANEB AGRICULTURAL FUNGICIDE
09675	PIJ		TCA COUCH GRASS CONTROL SOLUBLE POWDER
09691	STF		CAPTAN SP 4 FLOWABLE SEED PROTECTANT AGRICULTURAL FUNGICIDE
09699	RER		REL-EX STOP-PEST LIQUID TRIPLE A SPRAY
09704	LAT		LATER'S ROSE DUST - INSECTICIDE-FUNGICIDE CONTAINS ZINEB, SULPHUR, ROTENONE AND

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09707	LAT		LATER'S GOLDEN GARDEN DUST AND DINOCAP
09712	DIT		WARFARIN POWDER CONCENTRATE
09724	PLG		PLANTCO 7.5% CAPTAN GREENHOUSE FUNGICIDE DUST
09726	CHV		ISOTOX INSECTICIDE-MITICIDE GARDEN SPRAY CONTAINS CARBARYL, DICOFOL AND OXYDEM
09731	VIG		VIGORO CRABGRASS PRERENTER WITH DACTHAL
09737	FMC		POMOGREEN LIQUID ROSE SPRAY CONTAINS DODINE, CYCLOHEXIMIDE (ACTI-DIONE),E
09738	STF		IMIDAN 50-WP INSECTICIDE
09740	VIG		VIGORO DANDELION KILLER
09750	ABE		46% CHLORDANE EMULSIFIABLE CONCENTRATE INSECTICIDE
09751	GCP		GARDEN-TOX INSECT SPRAY
09759	SCO		RATOX 0.5% APPAT A LA WARFARINE CONCENTR EE 0.5%
09762	FMC		POLYRAM-DIAZINON DUST POTATO SEED TREATMENT
09765	CHP		CHIPMAN CAPTAN-METHOXYCHLOR 75-3 SEED PROTECTANT
09772	INT		CO-OP WARBLE KILLER E.C.
09774	REC		RECORD'S CRESOZENE (CONTAINS 17% CRESYLIC ACID)
09777	NAL		2,4-D AMINE LIQUID WEED KILLER
09800	MBE		PRIMO LIVESTOCK SPRAY INSECTICIDE
09801	WIL		WILSON'S 2E LIQUID SYSTEMIC INSECTICIDE
09802	WIL		WILSON'S 50 PER CENT MALATHION
09803	GRA		GREENLEAF SUPREME EMULSIFIABLE FOLIAGE AND DORMANT OIL
09809	FMC		ANT AND GRUB KILLER CONTAINS CHLORDANE DUST
09811	GCP		KILLEX TURF HERBICIDE LIQUID (DOUBLE STRENGTH)
09824	ABE		WACO 65-20 MAL-THANE FOGGING OIL CONCENTRATE
09827	CHG	CHH	DYLOX 80% SOLUBLE POWDER INSECTICIDE
09832	DIB	DIA	DACONIL 2787 FUNGICIDE W.P. FOR TURF
09840	DOW		DOW SODIUM TCA INHIBITED GRASS AND CONIFER KILLER
09842	PLG		PLANTCO ORNAMENTAL MITICIDE
09853	DOW		MCPA AMINE 80 LIQUID FARM WEEDKILLER
09855	RIL		RICHARDSON'S BEDBUG SPRAY CONTAINS LINDANE
09858	PFF		PFIZER MCPA SODIUM 48 LIQUID WEED KILL
09876	VEL		VELSICOL CHLORDANE 25% GRANULAR SOIL INSECTICIDE
09888	CHV		ORTHO BUG-GETA 3% METALDEHYDE PELLETS
09898	INT		CO-OP CIODRIN-VAPONA LIVESTOCK SPRAY FOR FLY CONTROL
09899	INT		CO-OP CIODRIN-VAPONA BACKRUBBER SOLUTION INSECTICIDE
09901	AMC	AMI	AMCHEM WEEDONE PRE-EMERGENCE CRABGRASS CONTROL LIQUID
09903	AMC	AMI	SUPER D WEEDONE LIQUID
09905	ALS		ACS GRASS KILLER (SODIUM TCA 90%) GRANULAR
09906	AMC	AMI	ACP GRASS KILLER (SODIUM TCA 90%) PELLETS
09909	AMC	AMI	LIQUID AMIZINE WEEDKILLER
09910	SHL		GARDONA 75%
09917	CHP		CHIPMAN LIVESTOCK SPRAY INSECTICIDE
09920	KEM		RIDDEX MALATHION 50 INSECTICIDE
09921	STF		EPTAM 2.3 GRANULAR FOR FLOWERS AND ORNAMENTALS
09922	STF		CAPTAN 4 FLOWABLE, AN AQUEOUS SUSPENSION AGRICULTURAL FUNGICIDE
09927	STF		VERNAM 7.2-E SELECTIVE PRE-PLANT HERBICIDE FOR SOYBEANS
09933	CHD		PERMATOX 100 LIQUID FUNGICIDE CONCENTRATE FOR CONTROL OF

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
			SAP STAIN MOLD
09946	SAF		DYNA-FOG M-L LIQUID INSECTICIDE CONCENTRATE
09955	ROH		TOK E-25 EC SELECTIVE POST-EMERGENCE HERBICIDE
09958	INT		CO-OP GARDEN MAGGOT KILLER GRANULES
09959	SAM		LAUREN-SECT INSECTICIDE A BETAIL
09963	DIT		CHLORDANE 40E EMULSIFIABLE LIQUID INSECTICIDE
09975	DIT		MALATHION 50E EMULSIFIABLE LIQUID INSECTICIDE
09977	GCP		GREEN CROSS WEED-NO-MORE
09978	GCP		GREEN CROSS MAGGOT KILLER GRANULAR INSECTICIDE
09982	SHL		RAVAP INSECTICIDE EMULSIBLE CONCENTRATE
09986	GCP		GREEN CROSS FRUIT TREE AND GARDEN SPRAY
09987	PLG		PLANT FOG D.D.V.P. THERMAL FOGGING SOLUTION
09989	GCP		GREEN CROSS LIQUID CRAS GRASS KILLER
09995	SHL		VAPONA INSECTICIDE INDUSTRIAL FOGGING SOLUTION
09997	LEW		CATTLE GRUB SPRAY LIQUID CONCENTRATE
10020	CHV		ORTHO LAWN LIQUID WEED KILLER CONTAINING 2,4-D AMINE
10024	KVL		MALATHION 50E EMULSIFIABLE LIQUID INSECTICIDE
10038	GCP		GREEN CROSS CYGON 2E
10046	COQ		COOPER KILATHION 50% MALATHION INSECTICIDE
10051	COQ		COOPER SUGAR BAIT FLY KILLER GRANULAR
10061	DIT		SULFARIN RODENTICIDE POWDER CONCENTRATE
10066	IMP		ESSO MCPA AMINE-80 LIQUID WEEDKILLER
10068	IMP		ESSO 2,4-D AMINE-80 LIQUID WEEDKILLER
10071	ELA		BALAN E.C. BETHRODINE A SELECTIVE WEEDKILLER
10087	STD		STAN-CHEM SELECTIVE HERBICIDE 10% CHLORPROPHAM GRANULAR
10091	KEL	MCC	HAY SAVOR LIQUID PRESERVATIVE FOR HAY
10096	AMC	AMI	WEEDONE POISON IVY KILLER LIQUID CONTAINS AMITROLE
10099	AMC	AMI	LIQUID X-ALL GENERAL WEED KILLER CONTAINS AMITROLE AND SIMAZINE
10105	KEM		RIDDEX 50-S INSECTICIDE, CONTAINING PYRETHRINS AND
10106	GAP		GARDO NO. 43 DIVOS LIVESTOCK SPRAY
10107	GAP		GARDO NO. 42 DICYN LIVESTOCK SPRAY INSECTICIDE
10110	SHL		3% CIODRIN INSECTICIDE LIVESTOCK DUSTING POWDER
10131	KIN		KING BUG KILLER FLY SPRAY CONTAINING DICHLORVOS
10132	VAR		GUARDSMAN MALATHION INSECTICIDE
10134	SAF		VAMAFOG INSECTICIDE FOGGING SOLUTION
10150	KEM		RIDDEX DDVP - 5 INDUSTRIAL FOGGING INSECTICIDE
10174	KEM		RIDDEX 65-20 FOGGING INSECTICIDE
10176	AMC	AMI	WEEDONE GARDEN WEEDER GRANULAR - CHLORAMBEN
10178	STF		RO-NEET 7.2E SELECTIVE PRE-PLANT HERBICIDE
10179	STF		RO-NEET 10 GRANULAR SELECTIVE PRE-PLANT HERBICIDE
10183	BAT		BARTLETT DIMETHOATE 40% EMULSIFIABLE INSECTICIDE
10184	OLH		OCHEMCO 2,4-D LIQUID WEED KILLER AMINE 80
10186	ROH		DITHANE M-45 MANCOZEB POTATO SEED-PIECE FUNGICIDE
10233	CHG	CHH	BAYGON LIQUID CONCENTRATE INSECTICIDE
10241	ABE		WACO 25% METHOXYCHLOR
10243	PLG		PLANTCO FUNGICIDE DUST
10253	CBR	MCM	CARMEL FORMULA MU-8 AN INSECTICIDE FOGGING SOLUTION CONTAINING DICHLORVOS

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10256	CHV		ORTHO TRIOX GRANULAR VEGETATION KILLER
10258	SAN		SANFAX WK - 245 NON-SELECTIVE HERBICIDE
10275	LEG		LEPAGE'S WATER REPELLENT WOOD PRESERVATIVE CONTAINS PENTACHLOROPHENOL
10279	FAR	MCC	FARNAM CY-BAN CLODRIN INSECTICIDE EMULSIFIABLE DAIRY SPRAY AND BACK-RUBBER CONCENTRATE
10292	DIT		PYRATREX RSC (ROACH SPRAY CONCENTRATE) OIL SOLUTION INSECTICIDE CONTAINS PYRETHRINS AND PIPERO
10304	WIL		WILSON'S SLUG BAIT PELLETS CONTAINS METALDEHYDE
10305	PFF		AGRI-MYCIN L7 FOR FIRE BLIGHT IN PEARS AND APPLES
10307	HIL		HILO KENNEL SPRAY CONTAINS CHLORDANE INSECTICIDE
10308	MOL		AVADIX BW GRANULAR WILD OAT KILLER
10310	INT		CO-OP STOCK FLY POWDER
10314	FMC		TREE AND SHRUB SPRAY LIQUID INSECTICIDE
10319	COP		FEDEREE PRESERVATIF POUR BOIS, CLAIR G - 14
10320	LAV		LAURENTIDE PRESERVATIF POUR BOIS, CLAIR G - 14
10325	GCP		GREEN CROSS KILLEX SPOT WEEDER PRESSURIZED SPRAY
10326	UNR		OMITE 30W WETTABLE POWDER MITICIDE
10327	CHV		ORTHO GRANULAR WEED PREVENTER WITH TRIFLURALIN
10329	GAH		"ARNOLD" MULTI-PURPOSE SPRAY CARTRIDGE
10333	HIL		HILO KILTIX EMULSIFIABLE CONCENTRATE
10336	MBE		CYGON 2-E INSECTICIDE
10337	CHP		CYGON 2E INSECTICIDE
10338	CHP		AGROX N-M DRILL BOX NON-MERCURIAL SEED TREATMENT POWDER
10344	CHV		ORTHO SCRAM DOG REPELLENT BOMB
10347	CHP		EPTAM WEED PREVENTER
10356	PLG		PLANT FOG PENTAC MITICIDE FOGGING SOLUTION
10358	DIA		TERMIL FUNGICIDE TABLETS
10362	MBE		MARQUETTE FUNGICIDE CAPTAN 50
10370	JUD	FMC	PILL KILL WEED KILLER FOR DANDELIONS AND BROADLEAF WEEDS
10376	VIN		VIO BIN BLACK FARM DISINFECTANT TAR ACID TYPE
10385	CBR	MCM	FORMULA F-6 EMULSIFIABLE SPRAY INSECTICIDE
10387	INT		CO-OP SEVIN 50 WETTABLE POWDER INSECTICIDE
10395	REC		RECORD'S FORMULA G LIQUID INSECT SPRAY
10399	PLG		HORMOND 80 WEEDKILLER
10401	AMC	AMI	WEEDAR MCPA AMINE 80 LIQUID HERBICIDE
10413	FMC		TANDEX 4 GRANULAR HERBICIDE
10416	INT		CO-OP POTATO SEED-PIECE 8% FUNGICIDE DUST
10419	MEC		MERTECT 160 THIABENDAZOLE WETTABLE POWDER FUNGICIDE
10420	HAC		UNIVERSAL FLEA-OFF NECKLACE FOR DOGS AND CATS CONTAINS LINDANE
10427	CBR	MCM	FORMULA MU-14 - AN INSECTICIDE FOGGING SOLUTION CONTAINING CHLORVOS
10428	CBR	MCM	FORMULA MU-15 - AN INSECTICIDE FOGGING OIL CONCENTRATE CONTAINING DICHLORVOS
10429	CBR	MCM	FORMULA MU-16 - AN INSECTICIDE FOGGING SOLUTION
10431	CBR	MCM	FORMULA MU-17 INSECTICIDE FOGGING OIL
10432	CBR	MCM	FORMULA MU-20 - EMULSIFIABLE CONCENTRATE
10437	JUD	FMC	FOGGER FUEL FOR OUTDOOR INSECT CONTROL
10445	CBR	MCM	FORMULA MU-30 INSECTICIDE FOGGING SOLUTION CONTAINING 4.65%

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
			DICHLORVOS
10450	DAL		FLAIR SHAMPOO FOR DOGS AND CATS
10455	VAR		GUARDSMAN DIMETHOATE 40 INSECTICIDE
10460	FMC		LIQUID CLEARIT VEG KIL
10474	CAX		SODIUM TCA GRASS KILLER PELLETS
10481	GCP		GREEN CROSS 25% METHOXYCHLOR INSECTICIDE
10483	AMC	AMI	WEEDAR MCPA SODIUM SALT 48 LIQUID HERBICIDE
10488	GCP		GREEN CROSS TOMATO AND POTATO DUST SQUEEZE DUSTER
10495	ROH		DIKAR FUNGICIDE-MITICIDE WETTABLE POWDER
10500	ROH		TOK WP 50 SELECTIVE POST EMERGENT HERBICIDE
10511	NOX		NOXAL DAWGONE DOG REPELLENT DUST
10513	AMC	AMI	AMCHEM ORNAMENTAL GRANULAR WEEDER
10515	ABE		WACO 15% METHOXYCHLOR INSECTICIDE SOLUTION
10526	DUQ		DU PONT MANZATE 200 MANCOZEB FUNGICIDE
10547	INL		THURICIDE 90 TS MICROBIAL INSECTICIDE AQUEOUS SUSPENSION
10556	FAR	MCC	FARNAM STABLE-SPRAY EMULSIFIABLE FLY-KILLER CONCENTRATE CONTAINING DICHLORVOS AND DIME
10571	GRA		SHUR-KILL SLUG PELLETS CONTAINING METALDEHYDE
10579	CHP		CHIPMAN ANT AND GRUB KILLER DUST CONTAINS CHLORDANE
10585	KEM		RIDDEX DDVP-10 INDUSTRIAL FOGGING INSECTICIDE
10588	SPA		SPRATT'S E-ZEE WEED LIQUID 2,4-D AMINE KILLS LAWN WEEDS
10590	CHP		CHIPMAN LAWN WEEDKILLER CONTAINS MECOPROP. DICAMBA AND 2,4-D LIQUID
10593	GCP		GREEN CROSS SLUG DESTROYER PELLETS
10599	HOY	LEA	PRIST ANTI-ICING AND BIOCIDAL FUEL ADDITIVE
10600	HOY	LEA	PRIST ANTI-ICING AND BIOCIDAL AVIATION FUEL ADDITIVE
10603	CHP		CHIPMAN METHOXYCHLOR SPRAY CONCENTRATE INSECTICIDE
10617	CHD		CHAPMAN TIMPREG B POL-NU TYPE WOOD PRESERVATIVE GREASE
10619	KVL		SEVIN POULTRY AND LIVESTOCK WETTABLE INSECTICIDE
10621	STF		SUTAN 10G A SELECTIVE HERBICIDE FOR CORN
10623	MCC		MCCLELLAND CATTLE FLY AND LOUSE POWDER
10626	CHP		CHIPMAN SOIL AND BULB DUST INSECTICIDE-FUNGICIDE
10627	INT		CO-OP WEED BAN HERBICIDE GRANULES CONTAINS PARAQUAT AND DIOQUAT
10629	GCP		GRAN WEED PREVENTER
10636	DOW		DURSBAN 2E EMULSIFIABLE INSECTICIDE
10638	DIT		CHLORDANE 40W WETTABLE POWDER INSECTICIDE
10639	WIL		WILSON'S GARDEN SPRAY
10644	INT		CO-OP 5% SEVIN INSECTICIDE-FUNGICIDE
10650	CHP		CHIPMAN LIVESTOCK BOMB PRESSURIZED SPRAY INSECTICIDE
10653	DIT		CHLORDANE 5 D DUST INSECTICIDE
10654	DIT		MALATHION 25W WETTABLE POWDER INSECTICIDE
10657	GCP		GREEN CROSS GARDAL SYSTEMIC ROSE AND ORNAMENTAL SPRAY
10658	INT		CO-OP ANT, GRUB AND CUTWORM KILLER
10663	FED		FEDERAL NON-MERCURY SEED PROTECTANT POLYRAM FUNGICIDE POWDER
10674	BAT		BARTLETT 95% FERBAM AGRICULTURAL FUNGICIDE
10675	WIL		WILSON'S ROSE DUST
10677	PLG		PLANT FOG DIAZINON THERMAL FOGGING INSECTICIDE
10681	GCP		GREEN CROSS CUTWORM DUST OR SPRAY CONTAINS CHLORDANE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10682	UNR		VITAVAX WETTABLE POWDER NON-MERCURIAL SEED PROTECTANT
10687	WIL		WILSON'S FRUIT TREE SPRAY OR DUST
10689	KEL	MCC	KEMIN GRAIN SAVOR LIQUID
10690	LAT		LATER'S METHOXYCHLOR 25% E.C. INSECTICIDE
10701	RIM		RICHCRAFT BRAND PAINTABLE WOOD PRESERVATIVE RICH-PENT CONTAINS PENTACHLOROPHENOL
10708	DIB	DIA	DACTHAL G-5 HERBICIDE
10710	KIN		KING 5 % SEVIN AND 7 % COPPER DUST
10711	KIN		KING TOMATO POTATO AND VEGETABLE DUST
10715	CHP		CHIPMAN CHLORDANE SPRAY CONCENTRATE INSECTICIDE
10717	ABE		35-15 MAL-THOX FOGGING OIL CONCENTRATE
10727	MBE		MARQUETTE MAR-COP 775 INSECTICIDE ET FONGICIDE
10729	MBE		MARQUETTE FLORAL INSECTICIDE-FUNGICIDE
10731	INT		CO-OP SODIUM T.C.A. GRASS KILLER PELLETS
10734	LAT		LATFLOWER & GARD INS.
10736	DIT		WARFARIN SP. SOLUBLE POWDER RODENTICIDE
10742	LAT		LATER'S GARD-N-AID ROSE SPRAY INSECTICIDE-FUNGICIDE
10744	AMC	AMI	AMCHEM WEEDONE PREEMERGENCE CRABGRASS CONTROL
10757	LAT		LATER'S CRAWLING INSECT KILLER RESIDUAL SPRAY
10758	LAT		LATER'S FRUIT TREE SPRAY MITICIDE-INSECTICIDE
10759	BAT		BARTLETT MALATHION 5 E.C. EMULSIFIABLE INSECTICIDE
10779	REC		MIRA-SOL LIQUID DEODORIZER
10780	CHV		ORTHOcide 80 WETTABLE POWDER FUNGICIDE CONTAINS CAPTAN
10787	REC		RECORD'S FORMULA 2G CONTAINS METHOXYCHLOR
10788	GAL		PEAK OF THE MARKET SLUG BAIT
10789	INT		CO-OP 3.9% ZINEB FUNGICIDE DUST
10792	BEN		MOORWOOD CLEAR PENTA WOOD PRESERVATIVE
10793	TRO		TROJAN TRL-21 RESIDUAL INSECTICIDE SPRAY
10794	TRO		TROJAN TRL-160 FOGGING INSECTICIDE CONCENTRATE
10797	ROH		TOK/RM,EC SELECTIVE POST EMERGENCE HERBICIDE
10798	GAL		PEAK OF THE MARKET MANZATE & DUST POTATO FUNGICIDE
10805	GCP		GREEN CROSS BENAZOLIN LIQUID HERBICIDE FOR WILD MUSTARD CONTROL IN RAPE
10806	STF		BETASAN 12.5 GRANULAR SELECTIVE HERBICIDE
10807	CON		CONSOLITE WEED-D GRASS AND WEED KILLER CONTAINS SODIUM CHLORATE SODIUM METABORATE AND MONURON
10815	DIT		L-2 FOG OIL CONTAINS LINDANE
10817	DLH		OCHEMCO MCPA AMINE 80 LIQUID WEED KILLER
10823	KEM		RIDDEX B-P RESIDUAL SPRAY INSECTICIDE
10834	AMC	AMI	BACK YARD CLEAN-UP LIQUID AMITROLE WEEDKILLER
10853	GCP		GREEN CROSS NON-ARSENICAL VEGETATION KILLER
10856	GUS	CGC	EVERSHIELD CM SEED PROTECTANT SUSPENSION FOR CONTROL OF CERTAIN DISEASES AND STORED PR
10866	SAF		NO. 5 MX FOG OIL CONTAINING METHOXYCHLOR
10874	DOW		RUELENE 12R CATTLE INSECTICIDE
10876	CLL		CHEMSTOR LIQUID PRESERVATIVE FOR CORN AND CEREALS
10877	INT		CO-OP CYGON 2E E.C.
10884	CHV		ORTHO DIAZINON INSECT SPRAY
10885	GCP		MALORAN 50% SELECTIVE HERBICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10889	CBE		SUPER-LASTIC WOOD PRESERVATIVE & SEALER-CLEAR
10892	KEY	GOO	GLOWON TREE KILLER
10898	CGC		SPECTRACIDE GARDEN SPRAY INSECTICIDE LIQUID CONTAINS DIAZINON
10899	CGC		SPECTRACIDE LAWN AND GARDEN INSECT KILLER GRANULAR CONTAINS 5% DIAZINON
10912	NAC		NATIONAL CHEMSEARCH SELECT-TROL
10914	GCP		GREEN CROSS GARDEN AND FRUIT TREE SPRAY
10915	PFF		PFIZER MECOPROP 48
10916	PFF		PFIZER MECOPROP 2,4-D
10918	BIE		RIKOE LINDANE RESIDUAL INSECT SPRAY
10926	NPO		PROTOX A/85 PRESERVATIF IMPERMEABLE POUR LE BOIS
10929	SCT	SHY	PRO TURF BROAD SPECTRUM GRANULAR WEEDICIDE CONTAINS 2,4-D AND DICAMBA
10930	SCT	SHY	KANSEL GRANULAR WEED CONTROL CONTAINS 2,4-D AND DICAMBA
10936	DOW		PLICTRAN 50W MITICIDE
10949	GCP		GREEN CROSS POISON IVY KILLER
10951	PEN		PESTROY LIQUID RESIDUAL INSECTICIDE
10954	SCU		SCOTT'S CURE DUST CONTAINS ENDOSULFAN, CARBARYL, ZINEB AND SULPHUR
10957	CBC		PYRETHRUM LIQUID DIP FOR CONTROL OF BLOWFLIES ON FISH
10959	UNR		PRO-GRO SYSTEMIC SEED PROTECTANT FOR ONIONS
10964	WIL		WILSON'S EVERGREEN SPRAY - SYSTEMIC INSECTICIDE - MITICIDE
10965	WIL		WILSON'S 50% SEVIN INSECTICIDE WETTABLE POWDER
10969	GCP		GREEN CROSS ESTEMINE 80 LV LIQUID WEEDKILLER.
10970	GCP		GREEN CROSS ESTEMINE 80 2,4-D LOW VOLATILE LIQUID WEEDKILLER
10971	FMC		LIQUID WONDER WEEDEE
10973	FMC		WEED PREVENTER SPRAY WITH DACTHAL WETTABLE POWDER
10978	CGA		BASUDIN 5G GRANULAR INSECTICIDE CONTAINS DIAZINON
10985	LAT		LATER'S 1% LINDANE DUST INSECTICIDE
10986	UNR		VITAFLO LIQUID SEED PROTECTANT
10988	CGA		PRIMATOL A.P. 5:5 BRAND OF ATRAZINE AND 2,4-D GRANULAR HERBICIDE
10991	SHL		RABON INSECTICIDE 75% WETTABLE POWDER
10992	DIT		CHLORDANE 40S OIL CONCENTRATE INSECTICIDE
10995	LAT		LATER'S ANIMAL INSECT POWDER CONTAINS LINDANE
10999	RAL		PURINA INSECTICIDE FOGGING SOLUTION
11000	RAL		PURINA CATTLE INSECTICIDE DUST
11003	GCP		GREEN CROSS GRANULAR VEGETATION KILLER
11005	CYC		CYTROL POISON IVY KILLER CONTAINS AMITROLE
11016	GCP		BROMOPHOS 25% WETTABLE POWDER INSECTICIDE
11026	CGA		PRINCEP 4G GRANULAR HERBICIDE OF SIMAZINE
11028	VAR		GUARDSMAN FUNGICIDE M WETTABLE POWDER CONTAINS MANEB
11034	PFF		SABITHANE-80-80% MANEB WP AGRICULTURAL FUNGICIDE
11036	MBE		MARQUETTE LARVEX 5% INSECTICIDE
11037	MBE		MARQUETTE MARTOX INSECTICIDE SPRAY
11038	SAN		SANFAX DYNA-KILL CONCENTRATED OIL SOLUBLE INSECTICIDE
11039	CHD		CHAPCO S S C CONCENTRATE LIQUID FUNGICIDE CONCENTRATE FOR SAP-STAIN AND CERTAIN MO

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11050	FIS		FISONS DURSBA 25E EMULSIFIABLE INSECTICIDE
11051	LAT		LATER'S 10% MANZATE 200 POTATO SEED TUBER FUNGICIDE
11052	PAA	MAL	MOSS-STOP
11055	GCP		GREEN CROSS ESTEMINE NON VOLATILE BRUSHKILLER HERBICIDE
11061	DUQ		TERSAN 1991 TURF FUNGICIDE WETTABLE POWDER
11062	DUQ		BENLATE FUNGICIDE WETTABLE POWDER FOR ORNAMENTALS
11067	FMC		AFESIN 2 HERBICIDE
11070	NOW		TARCOATE PURE TAR CREOSOTE
11071	NOW		TARCOATE PENTASOL WOOD PRESERVATIVE CLEAR, GREEN OR BROWN CONTAINS PENTACHLOROPHENOL
11075	UNR		SYSTEMIC NON-MERCURIAL VITAFLO D.B. SEED PROTECTANT
11076	SHL		VAPONA/MALATHION INSECTICIDE FOGGING SOLUTION
11077	SHL		VAPONA/MALATHION INSECTICIDE FOGGING SOLUTION
11084	SHA		SHAMROCK MALATHION 50% E.C.
11086	VEL		VELSICOL MCPAK 64 LIQUID WEED KILLER
11087	INT		CO-OP MCPAK 64 LIQUID WEED KILLER
11088	CHP		MANTOX 80% MANEB W.P. FUNGICIDE
11089	INT		CO-OP 75% MCPA SODIUM SALT SOLUBLE POWDER WEED KILLER
11091	AMC	JOS	SUPER D WEEDONE FOAM WEED KILLER
11092	VEL		WARFARIN PLUS SULFAQUINOXALINE CONCENTRATE INSECTICIDE
11093	VEL		DIPHACIN - 110 CONCENTRATE RODENTICIDE
11094	VEL		VELSICOL WARFARIN CONCENTRATE RODENTICIDE
11095	VEL		VELSICOL PIVACIN CONCENTRATE RODENTICIDE CONTAINS PINDONE
11096	LAT		LATER'S SEVIN 50% W.P. INSECTICIDE
11099	DIB	DIA	BRAVO W-75 WP FUNGICIDE
11101	MEC		WETTABLE POWDER MERTECT 460 THIABENDAZOLE FUNGICIDE
11104	STD		STAN CHEM MANCOZEB POTATO SEED PIECE FUNGICIDE DUST
11107	GUL	BRE	OUTFOX POST-EMERGENCE LIQUID CORN HERBICIDE
11111	AMC	JOS	VEGIBEN 2-E EMULSIFIABLE LIQUID HERBICIDE
11113	OLH		OCHEMCO AMINE 96
11125	RIL		RICHARDSON'S MALATHION 50E OUTDOOR SPRAY CONCENTRATE
11130	OLH		OCHEMCO MALATHION 50E.C.
11132	FAR	MCC	FARNAM SUPER DIE-FLY SUGAR-BASE FLY KILLER CONTAINING TRICHLORFON
11135	INT		CO-OP NEW READY-TO-USE WARBLE KILLER (POUR ON TREATMENT)
11141	NAC		NATIONAL CHEMSEARCH P-O-W-WASP SPRAY
11145	RIL		RICHARDSON'S CHLOR 40 - SOIL - TURF INSECTICIDE
11147	SAF		SANEX 0.5% LINDANE (RESIDUAL INSECTICIDE)
11149	JOH		OFF! CONCENTRATE INSECT REPELLENT SOLUTION
11156	FAR	MCC	FARNAM READY-TO-USE STABLE AND HORSE FLY SPRAY SOLUTION CONTAINING DICHLORVOS INSECTIC
11159	KEM		RIDDEX C-2 RESIDUAL INSECTICIDE CONTAINS CHLORDANE
11163	RAL		PURINA WOUND PROTECTOR - LIVESTOCK BOMB INSECTICIDE
11167	ZOC	MCC	STARBAR GOLDEN MALRIN SUGAR BAIT
11168	DIB	DIC	EXOTHERM TERMIL A SPECIAL FUNGICIDE POWDER FOR BOTRYTIS CONTROL
11174	CHP		BETASAN CRABGRASS PREVENTER CONTAINS BENSULIDE
11182	COS		WEED OUT PRESSURIZED FOAM FOR LAWNS CONTAINS 2,4-D AND MECOPROP

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11186	FMC		CYPREX 65-W CONTAINS DODINE FUNGICIDE POWDER
11188	GCP		GREEN CROSS LIVESTOCK INSECTICIDE POWDER CONTAINS CIODRIN
11199	DIT		MOUSE SEED RODENTICIDE BAIT CONTAINS STRYCHNINE
11200	CHV		ORTHO BRUSH KILLER A
11202	FMC		LIQUID MULTISPRAY INSECTICIDE WITH DIAZINON
11208	MBE		SOLNET UN HERBICIDE
11213	CHP		CHIPMAN ANT AND GRUB KILLER GRANULAR CONTAINS CHLORDANE
11214	CHP		DUTOX SYSTEMIC INSECT KILLER
11220	GCP		GREEN CROSS LIVESTOCK INSECTICIDE PRESSURIZED SPRAY
11221	FMC		CAPTAN 50W FUNGICIDE WETTABLE POWDER
11222	NAC		NATIONAL CHEMSEARCH FENOCIL WEED KILLER
11226	DIT		SULFAMATE-80 HERBICIDE CONCENTRATE
11229	DIT		MALATHION 50S OIL CONCENTRATE INSECTICIDE
11230	DIT		CHLORDANE 25G GRANULAR INSECTICIDE
11231	DIT		CHLORDANE 5G - GRANULAR INSECTICIDE
11232	MBE		STERIL (DESTRUCTEUR DE VEG ETATION)
11234	NAP		BETANAL POST-EMERGENCE HERBICIDE FOR SUGAR BEETS
11235	GRE		GREEN VALLEY MANEB 80 WP FUNGICIDE
11239	CHV		ORTHO CYGON 2E INSECTICIDE CONTAINS DIMETHOATE
11240	CHV		ORTHO FRUIT AND VEGETABLE INSECT CONTROL
11249	CHV		ORTHO ROSE AND FLORAL DUST
11252	ABB	ABC	DIPEL BACILLUS THURINGIENSIS VAR. ALESTI W.P.
11253	OLH		OLIVER MANEB 80 W WETTABLE POWDER FUNGICIDE
11254	PFF		PFIZER DALAPON GRASS KILLER
11256	FIS		FISONS FI-FLY BAIT CONTAINS TRICHLORFON
11265	KEL	WER	MOLD CURB LIQUID CONTAINING PROPIONIC ACID
11266	KEL	WER	MOLD CURB DRY POWDER
11268	KIN		KING 15% ZINEB MUSHROOM DUST
11269	SUP		SUPERSWEET FLY BAIT CONTAINS DICHLORVOS
11272	CHV		ORTHO SPOT WEED AND GRASS KILLER (PRESSURIZED) CONTAINS
11273	CHP		CHIPMAN MECOPROP + 2,4-D WEEDKILLER LIQUID
11276	AMC	JOS	AMILON WP PRE-EMERGENCE WEEDKILLER CONTAINS CHLORAMBEN AND LINURON
11279	CHV		ORTHO DIAZINON SOIL AND FOLIAGE DUST
11281	CHG	CHH	DYLOX U-L-V SPRAY INSECTICIDE CONTAINS TRICHLORFON
11284	STF		EPTAM 8-E SELECTIVE HERBICIDE
11289	STF		EPTAM 10:G GRANULAR SELECTIVE HERBICIDE
11291	MEC		MERTECT 360 THIABENDAZOLE FUNGICIDE
11300	CHP		WEEDRITE AEROSOL WEED AND GRASS KILLER CONTAINS PARAQUAT
11301	AMC	JOS	EMULSAVERT - D AN INVERT EMULSION FORMULATION OF 2,4-D
11302	INL		THURICIDE HPC CONTAINS BACILLUS THURINGIENSIS
11313	CHG	CHH	BAYGON OSC INSECTICIDE
11314	KEM		RIDDEX MAL-FOG 55 FOGGING INSECTICIDE CONCENTRATE
11315	DOW		DURSBAN 25W WETTABLE POWDER INSECTICIDE
11321	CHP		HERBITOX MCPA LIQUID WEEDKILLER FROM POTASSIUM SALT OF MCPA
11323	SHL		ENDAVEN WILD OAT HERBICIDE
11325	AEF		DURABLE CEDAR MOTH PROOFER (PRESSURIZED)
11337	AMC	AMI	EMULSAMINE E-3 LIQUID HERBICIDE
11340	VAR		GUARDSMAN MANEB-THIODAN DUST

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11341	MBY		ASULOX ASULAM SODIUM SALT, LIQUID SELECTIVE WEEDKILLER
11342	CHM	DIT	ROZOL MINERAL OIL FOR PCO AND MANUFACTURING USE
11343	CHM	KEM	ROZOL RODENTICIDE FOR PCO AND MANUFACTURING USE
11357	SUP		SUPERSWEET FLY BAIT CONTAINS DICHLORVOS AND RONNEL
11358	INT		CO-OP CHLORDANE 40% EMULSIFIABLE CONCENTRATE INSECTICIDE
11359	SAN		SANFAX 473 EC INSECTICIDE
11363	SAF		SANEX 10% CHLORDANE EMULSIFIABLE CONCENTRATE
11364	SAF		SANEX 40% CHLORDANE EMULSIFIABLE CONCENTRATE
11365	SAF		SANEX VAPO FOG LIQUID INSECTICIDE
11369	ALT		ALSI MOTH PROOFER (PRESSURIZED)
11372	ZOC	MCC	STARBAR GOLDEN MALRIN LIQUID
11374	KEM		RIDDEX CHLORDANE 40 EMULSIFIABLE CONCENTRATE INSECTICIDE
11375	FAP		FAMILEX PRESSURIZED SPRAY FLY GAS BOUILLIE SOUS PRESSION
11376	JIT		JITO JITOGAS AEROSOL INSECTICIDE
11380	MBE		MARQUETTE INSECTEX POUORE INSECTICIDE CONTIENT 5% CHLORDANE
11382	MBE		MARQUETTE PROLIN IN PELLETS KILLS RATS AND MICE
11389	OLH		OICHEMCO NM SINGLE BOX SEED TREATMENT POWDER CONTAINS MANEB
11391	OLH		OICHEMCO NM DUAL PURPOSE DRILL BOX SEED TREATMENT POWDER CONTAINS MANEB AND LINDANE
11396	ROH		KERB 50-W
11397	ZOC	MCC	STARBAR GRUBEX
11399	MGK	LEI	PUROCIDE MOSQUITO ADULTICIDING CONCENTRATE
11400	PEK	PEL	DECCO APPLE COATING WT-56 WITH FUNGICIDE THIABENDAZOLE
11410	FMC		POMOGREEN ROSE & FLOWER FUNGICIDE
11414	FMC		POMOGREEN ROSE AND FLOWER DUST
11415	FMC		TREE AND SHRUB DUST KILLS INSECTS ON SHRUBS, EVERGREENS
11418	BBE		BEXCOL INSECTICIDE & VAPORIZER CONTIENT DIAZINON
11420	INT		CO-OP METHOXYCHLOR 50% WP INSECTICIDE
11421	CHV		ORTHO LAWN DISEASE CONTROL W.P.
11423	UNR		VITAFLO - 280 LIQUID SEED PROTECTANT (WESTERN CANADA)
11425	PLG		PLANTO QUINTOZENE 75 WP FUNGICIDE
11426	FRD		FRANKLIN ANIMAL INSECT POWDER
11428	DAL		FLAIR SHAMPOO FOR DOGS & CATS
11429	MTC		CANADAX PET SHAMPOO
11432	FIS		FISONS FI-DRIN LIVESTOCK DUST
11433	FIS		FISONS FI-FLY SCATTER BAIT
11434	FIS		FISONS FI-VAP LIVESTOCK SPRAY
11436	LAT		LATER'S 5% DIAZINON GRANULAR INSECTICIDE
11437	LAT		LATER'S DIAZINON 12.5% LIQUID INSECTICIDE
11441	VAR		GUARDSMAN 2,4-D AMINE 80 LIQUID WEEDKILLER
11444	GCP		MESORAND 50 W
11446	CHP		CHIPMAN LAWN & TURF
11448	VAR		GUARDSMAN LAWN-SAVE
11452	PLG		PLANTCO BENOMYL WETTABLE POWDER SYSTEMIC FUNGICIDE
11456	CHP		POP-IN ROSE AND FLOWER SPRAY INSECTICIDE, FUNGICIDE, MITICIDE
11457	CHP		POP-IN FRUIT TREE SPRAY INSECTICIDE-FUNGICIDE
11458	CBB		CIL LAWN WEED KILLER
11459	CBB		CIL SLUG KILLER PELLETS

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11460	MAP		TRUBAN WETTABLE POWDER FUNGICIDE
11465	CHV		ORTHO BENDMIL SYSTEMIC FUNGICIDE
11466	SCT	MLL	PROTURF GRANULAR FUNGICIDE 11
11473	DIA		BRAVO FLOWABLE AGRICULTURAL FUNGICIDE
11478	BAT		BARTLETT FERBAM 76 FUNGICIDE
11479	CBB		CIL ANT & GRUB KILLER
11488	ABE		WACO MOSQUITO ULV CONCENTRATE
11497	PRG		DELSPRAY T-148 TOBACCO SUCKER CONTROL AGENT
11498	PRG		DELETE TOBACCO SUCKER CONTROL AGENT
11499	FAC	NOF	SPROUT-OFF FOR CONTROL OF TOBACCO SUCKERS
11500	UNR		ROYALTAC CONTACT TOBACCO SUCKER CONTROL AGENT
11505	RAW		HOUSE & GARDEN INSECT KILLER
11512	CHP		CHIPMAN FRUIT TREE SPRAY CONCENTRATE CAPTAN-IMIDAN
11514	MAR		MANCHESTER BUG KILLER DUST
11515	MAR		BUG KILLER DUST
11520	UNR		LIQUID MH-30 A PLANT GROWTH REGULATOR
11523	COA	PIN	COBRA MOSQUITO COILS (CONTAINS PYRETHRINS)
11527	EMA		EMTROL 1630B TOBACCO SUCKER CONTROL
11540	KEM		RIDDEX 3610 ULV FOGGING CONCENTRATE INSECTICIDE
11543	CHP		HOPPER-SPRAY INSECTICIDE
11546	FLY		FLY KING AEROSOL INSECTS KILLER
11548	WIL		WILSON'S SYSTEMIC FUNGICIDE
11550	FAC	NOF	DE-SPROUT-V
11551	CHP		MCPA AMINE 80 LIQUID WEED KILLER
11558	FAC	NOF	FAIR-TAC FOR CONTROL OF TOBACCO SUCKERS
11559	ANS	ANT	SUCKER PLUCKER TOBACCO SUCKER CONTROL AGENT 148
11561	PEK	PEL	PENTRETE 148 FOR TOBACCO SUCKER CONTROL
11562	STD		STAN-CHEM 2,4-D AMINE 96
11565	ABE		WACO 1% BAYGON
11570	NAP		BETANAL-475 POST-EMERGENCE HERBICIDE
11571	FIS		FISONS 2,4-D AMINE 80 LIQUID WEEDKILLER
11574	INT		2,4-D AMINE 96
11575	STD		SPROUT-NIP POTATO SPROUT INHIBITOR CONTAINS CHLORPROPHAM
11576	STD		STAN-CHEM SODIUM TCA 95% GRASS AND CONIFER KILLER
11581	EMA		EMTROL 1601 TOBACCO SUCKER CONTROL LIQUID CONTAINS CATTY ALCOHOL
11583	CHP		ATALCIDE SODIUM CHLORATE WEED KILLER
11584	DIS		FLY BAIT INSECTICIDE
11590	CHP		CHIPMAN METHOXYCHLOR EMULSIFIABLE CONCENTRATE INSECTICIDE
11591	CHP		CHIPMAN MALATHION 50 EMULSIFIABLE CONCENTRATE INSECTICIDE
11592	VEL		DIPHACIN 120 RODENTICIDE POWDER
11594	USB		USC COBEX
11607	CHP		CHIPMAN CORN-OIL CONCENTRATE CONTAINS ATPLUS 300-F
11611	DAR		WOOD PRESERVATIVE
11612	DAR		DAR 10 GREEN WOOD PRES
11618	FIS		FISONS MCPA AMINE 80 LIQUID WEEDKILLER
11621	TRO		TROJAN TRL-460 TRU-FOG INSECTICIDE SOLUTION

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11637	ELA		A-REST EC
11646	ANS	ANT	SPROUT-STOP LIQUID GROWTH RETARDANT
11648	NOX		NOXALL FLEA NEK-TYE POWDER FOR CATS
11650	ANS	ANT	RETARD LIQUID GROWTH RETARDANT
11652	ECO	UAF	EPGD TRICHLORFOR POUR ON CATTLE INSECTICIDE
11668	VEL		RAMIK RED RODENTICIDE
11669	VEL		RAMIK GREEN
11671	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 90 SEASHELL
11672	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 65 NUTMEG BROWN
11673	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 80 DUNE BEIGE
11674	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 75 CHESTNUT BROWN
11675	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 55 HONEYTONE
11676	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 50 GLEN GREEN
11677	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 45 EVERGREEN
11678	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 35 COLONIAL RED
11679	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 30 MEADOW GOLD
11680	DAR		DARWORTH STAIN & WOOD PRESERVATIVE - 25 SIERRA REDWOOD
11684	ABE		WACO PYRETHRIN EMULSIFIABLE CONCENTRATE 1-10
11685	CHM	KEM	ROZOL READY-TO-USE RAT AND MOUSE BAIT
11686	CHM	KEM	ROZOL BLACK READY-TO-USE RAT AND MOUSE BAIT
11694	CYC		AMINO TRIAZOLE WEEDKILLER CONTAINS AMITROLE, SOLUBLE POWDER
11708	CBB		CIL SLIK
11713	LEG		REZ PENTA CLEAR WOOD PRESERVATIVE CONTAINS PENTACHLOROPHENOL
11714	LEG		REZ PENTA WOOD PRESERVATIVE
11721	TRO		TROJAN TRL-108 AMTNE 2,4-D
11722	UNR		SLO GRO LIQUID
11723	NAC		NATIONAL CHEMSEARCH GRO-TARD GROWTH RETARDANT FOR GRASS
11726	VIG		VIGORO ANT AND GRUB KILLER
11729	SAN		SANFAX LIQUID 580 EMULSIFIABLE INSECTICIDE CONCENTRATE
11774	STD		STANDARD WOOD PRESERVATIVE
11776	COQ		PULVEX ZEMA DIP INSECT.
11781	WIL		WILSON'S WARFARIN MEAL
11787	CHP		CHIPMAN LAWN WEED KILLER LIQUID MECOPROP AND 2,4-D
11788	MRZ		MARTAN 50 WP
11789	CNK		WEX MULTI-PURPOSE WETTING AGENT
11798	BAZ	PLG	BASF F238 POWDERY MILDEW SPRAY
11809	CHP		AGRAL 90 A NON-IONIC LIQUID WETTING AND SPREADING AGENT
11810	PLG		HORMONO 80 WEEDKILLER
11817	CHP		CHIPMAN LAWN WEED KILLER LIQUID MELCOPROP, DICAMBA, 2,4-D
11836	ROK		TIMBER-LIFE WOOD PRESERVER
11838	WIL		WILSON'S WARFARIN PELLETS
11843	VEL		BELT 5 D INSECTICIDE
11852	WEA		WEDEX SAFETY BAR
11855	ABE		WACO INDUSTRIAL MICRO SPRAY CONCENTRATE
11866	PLG		B-NINE
11880	PLG		NO DAMP FOR DAMPING OFF DISEASES IN SEEDLINGS AND CUTTINGS
11884	ROH		TRITON B1956 AGRICULTURAL SPREADER STICKER
11886	ROH		TRITON XA SPECIAL SPRAY ADDITIVE FOR AGRICULTURAL HERBICIDES
11887	ROH		TRITON XA SPRAY ADDITIVE FOR AGRICULTURAL HERBICIDES

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11892	CBB		CIL WEED-ALL SOLUBLE GRANULES
11893	CBB		CIL WEED-ALL
11905	UNR		ALAR 85, A GROWTH REGULANT
11906	SCL	WAG	WARFARIN RODENTICIDE BAIT
11911	CHP		DIAZINON 5G GRANULES INSECTICIDE
11913	CHP		DIAZINON GARDEN SPRAY
11925	NAC		I-SO-SECT LIQUID RESIDUAL INSECTICIDE SPRAY
11926	INT		COOP WARBLE KILLER
11928	SEL	CGC	CONTAK SUCKER CONTROL AGENT
11945	SAF		ROZOL READY-TO-USE RAT BAIT
11971	INT		CO-OP SURFACTANT OIL CONCENTRATE
11972	INT		CO-OP EMULSIFIABLE SPRAY OIL FOR WEED CONTROL IN CORN
12015	PLG		SEEDLESS SET HORMONE SPRAY
12027	CHP		CHP FLOOR-BAIT GRANULAR INSECTICIDE
12028	CHP		CHIPMAN CAPTAN FLOWABLE SEED FUNGICIDE
12029	CHP		CHIPMAN CAPTAN 30 METHOXYCHLOR 3 FLOWABLE SEED TREATMENT
12030	CHP		KORLAN LIQUID INSECTICIDE
12034	DIS		DISVAP I LIVESTOCK SPRAY
12035	DIS		DISVAP II LIVESTOCK SPRAY
12071	GCP		CONTAK SUCKER CONTROL AGENT
12082	CHP		CHP BLACK FLY & MOSQUITO SPRAY
12090	VEL		BELT 40% WP
12093	SHL		KORNOIL CONCENTRATE
12094	SHL		KORNOIL
12099	WIL		WILSON'S LIQUID CRABGRASS KILLER
12100	WIL		WILSON'S GRANULAR MAGGOT KILLER
12132	PLG		AFRICAN VIOLET SPRAY EMULSIFIABLE MITICIDE
12133	BIE		BIKOE CHLORDANE GRANULES
12134	GAP		FORMALINE-GARDO-POISON
12136	GRD		PERMA-KILL GRANULAR DURSBAN
12137	GRD		RID-IT GRANULAR CHLORDANE
12141	MBE		MARQUETTE WEEDRITE GRANULES
12143	CHD		PQ-8 LIQUID FUNGICIDE
12145	GRD		LAWN-A-MAT D-TER-ND CONTAINS CHLORTHAL
12160	AMC	JOS	FRUITONE T FOR CONTROL OF PRE-HARVEST DROP
12176	INT		CO-OP ANT AND GRUB KILLER GRANULAR
12214	FMC		AQUASHADE
12221	BAZ		BASAGRAN LIQUID HERBICIDE
12222	MAP		TRUBAN FUNGICIDE 25% EC
12236	UAJ		SEVIMOL 4.8 LIQUID SUSPENSION
12247	SAF		WARFARIN 0.5% CONCENTRATE POWDER
12262	KEK		NORKEM 600C INDUSTRIAL HERBICIDE
12279	GCP		EASOUT W.P. SYSTEMIC FUNGICIDE.
12295	DIV		LIQUID 8 INSECTICIDE SOLUTION
12301	CHP		CHIPTAC TOBACCO SUCKER CONTROL AGENT
12310	SAF		SANEX PRO-3 ULV CONCENTRATE
12311	SAF		SANEX PRO-5 ULV CONCENTRATE
12352	FAV		FAVORITE BIRD BATH
12353	FAV		FAVORITE FLEA COLLAR FOR DOGS

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
12354	FAV		FAVORITE FLEA COLLAR FOR CATS
12406	SAF		ROZOL ALL WEATHER BAIT BLOCKS
12431	CAO		CREOSOTE
12438	CHP		CHIPMAN DANDELION KILLER
12452	CBB		CIL FRUIT TREE SPRAY CONTAINING CAPTAN AND PHOSMET
12453	CBB		CIL POTATO AND TOMATO DUST
12454	CBB		CIL GARDEN SPRAY CONTAINING 12.5% DIAZINON
12455	CBB		CIL FRUIT TREE SPRAY CONTAINING CARBARYL CAPTAN MALATHION
12456	CBB		CIL CHLORDANE ANT AND GRUB KILLER
12458	CBB		CIL DIAZINON MAGGOT KILLER
12523	MBE		MARQUETTE TOTAL AEROSOL FOAM WEED AND GRASS KILLER
12525	MBE		MARQUETTE POP-IN PRE-MEASURED WATER SOLUBLE PACKETS FRUIT TREE SPRAY
12526	MBE		MARQUETTE FRUITS PLUS WETTABLE POWDER
12527	MBE		MARQUETTE POP-IN PRE-MEASURED WATER SOLUBLE PACKETS ROSE AND GARDEN SPRAY
12536	CBB		CIL SOIL AND BULB DUST CONTAINING CHLORDANE AND CAPTAN
12537	CBB		CIL GARDEN FUNGICIDE CONTAINING FOLPET
12579	SAZ	CHP	THURICIDE HPC FOR HOME GARDENS
12598	CHV		ORTHO DIAZINON GRANULAR INSECTICIDE
12611	INT		CO-OP WEED STOP GRANULAR
12633	MBE		MARQUETTE EXTROL GRANULAR DRIVEWAY WEEDKILLER
12639	MBE		MARQUETTE SOLIN INSECTICIDE FUNGICIDE DUST
12644	CAT		WEED-AWAY NON-SELECTIVE WEED KILLER
12645	JUD	FMC	KILLER KANE WEEDKILLER TABLETS FOR LAWNS
12647	INT		CO-OP POTATO TOMATO DUST
12650	CHP		CHIPMAN STERIL
12651	WIL		WEEDRITE GRASS & WEED KILLER GRANULES
12656	MBE		MARQUETTE ORGANIC BIOLOGICAL INSECTICIDE
12663	CHP		CHIPMAN ORGANIC BIOLOGICAL INSECTICIDE
12733	SAF		MOXY GARDEN SPRAY CONCENTRATE
12766	BAZ		CITTOWET PLUS SPREADER STICKER
12820	MGK		MGK RODENTICIDE BAIT CONCENTRATE 1901
12831	CHP		RAPID APHID KILLER
12848	MBE		MARQUETTE RAPID APHID KILLER
12849	PFF		PFIZOL 10
12850	WIL		WILSON'S LIQUID POISON IVY & BRUSH KILLER
12853	CYC		AVENGE 200-C LIQUID POSTEMERGENCE WILD OAT HERBICIDE
12857	WIL		WILSON'S GRANULAR REPELL DOG AND CAT REPELLENT
12868	SAF		VAPD 5 FOGGING SOLUTION
12876	PFF		POTATO SEED PIECE DUAL PURPOSE TREATMENT
12927	GRB	ASH	ALGIMYCIN GLB-X POWDER ALGICIDE
12931	MRZ		MARZONE TRIFLURALIN 4 EC
12947	CBB		CIL ORGANIC MICROBIAL INSECTICIDE
12967	MOL		LIASSO II GRANULAR HERBICIDE
12971	CHP		BOREA GRANULAR
12972	CHP		CHLOREA GRANULAR GRASS & WEED KILLER
13005	BAZ		BASF PATORAN 50 W HERBICIDE
13006	BAZ		PYRAMIN 80 W HERBICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
13051	UNR		VITAVAX-CAPTAN 30 W NON MERCURIAL SYSTEMIC SOIL FUNGICIDE
13052	MBE		MARQUETTE ROSE AND FLOWER LIQUID INSECTICIDE FUNGICIDE
13064	SAL		SEVIN WETTABLE POWDER
13065	CBB		CIL ROSE SHRUB AND FLOWER SPRAY
13139	STF		POLE-FUME
13153	INT		CO-OP VA-PORFOG LIQUID FOGGING INSECTICIDE
13212	CHG	CHH	BAYGON MOS INSECTICIDE
13241	INT		CO-OP PREMIUM TURF HERBICIDE
13258	PLG		SKOOT REPELLENT FOR RABBITS MICE AND DEER
13298	DUQ		LIGNASAN P FUNGICIDE
13300	SAN		SANFAX MICRO MIST
13331	WEP		WEST 5-25 MOSQUITOCIDE
13332	BUX		INDOOR INSECT CONTROL
13339	DAC		INSECTICIDE BACKRUBBER OIL
13341	CBR	MCM	FORMULA MUG INSECTICIDE
13356	ALS		NO WEED AMINE 96
13359	VEL		RAMIK GREEN RODENTICIDE THROW PAK
13378	MGK	LEI	PYROCIDE FOGGING FORMULA 7067
13381	SHW		FOUR STAR PENTACHLOROPHENOL PRESERVATIVE SEALER CLEAR 453
13396	CBB		CIL STERILEX LIQUID WEED KILLER
13424	BER		BERNZOMATIC SUPER JET FOG
13429	UNR		VITAFLO 250 SYSTEMIC NON-MERCURIAL SEED PROTECTANT
13431	UNR		ARREST 75W TURF FUNGICIDE
13473	DAC		INSECTICIDE DAIRY CATTLE SPRAY
13491	MBE		MARQUETTE SEVIN LIQUID
13493	MBE		MARQUETTE MAR-COP POTATO TOMATO AND VEGETABLE DUST
13494	MBE		MARQUETTE HOUSEPLANT & HOUSEHOLD INSECT KILLER
13514	NAC		HK-7 LIQUID WEED KILLER
13517	CHP		CHIPMAN LARVEX MAGGOT KILLER
13526	SAF		SPRUCE BUDWORM INSECTICIDE
13548	SAF		SANEX MALATHION 50E
13557	WIL		WILSON'S RABBIT REPELL
13558	INT		CO-OP METHOXYCHLOR 25 EC
13575	MBE		MARQUETTE THERMA FOG WITH 1% BAYGON
13581	AMC	JOS	LO-DRIFT SPRAY ADDITIVE
13582	ALC		NALCO-TROL DRIFT CONTROL ADDITIVE
13605	CHV		ORTHO LIQUID SEVIN
13644	MOL		ROUNDVP LIQUID HERBICIDE
13652	CHP		DEECOP POTATO, TOMATO AND VEGETABLE INSECTICIDE FUNGICIDE
13655	WIL		WILSON'S MANEB VEGETABLE FUNGICIDE
13657	WIL		WILSON'S CRABGRASS AND GARDEN WEED PREVENTER
13691	WIL		WILSON'S LIQUID DIAZINON INSECT SPRAY
13695	KEM		RIDDEX ABATE 2 G GRANULAR INSECTICIDE
13702	CHP		CHIPMAN DIAZINON DUST
13723	MBE		MAR-COP POTATO, TOMATO AND VEGETABLE INSECTICIDE FUNGICIDE
13727	PFF		METHOXYCHLOR 2.4 EC
13737	MBE		MARQUETTE DALAPON SOLUBLE POWDER HERBICIDE
13795	CPV		PROVIMI RABON 50 WP
13801	HOE		HOE-GRASS EC HERBICIDE

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
13852	GCP		AEROMIN 2,4-D
13858	FAC		DE-CUT V LIQUID PLANT GROWTH REGULATOR
13861	DOW		NORBAK 60 PARTICULATING AGENT FOR REDUCING SPRAY DRIFT
13865	STF		PROLATE 1.2 EC BEEF CATTLE INSECTICIDE
13868	ROB		BEACON SHOO! BIRD REPELLENT PASTE IN 9 OZ CAULKING GUN CARTRIDGE
13869	ROB		BEACON SHOO! SQUIRREL REPELLENT PASTE IN 9 OZ CAULKING GUN CART RIDGES
13881	DIS		DISVAP BACK-RUBBER SOLUTION
13883	DIS		MALATHION 50 EC
13886	SAF		TACKY-TOES BIRD REPELLENT PASTE IN 12 OZ CAULKING CARTRIDGE
13887	DOW		KORLAN 2 POUR ON INSECTICIDE FOR LICE
13889	SCT		SCOTT'S PRO-TURF GRANULAR INSECTICIDE ONE WITH DIAZINON
13910	ATS		TWEEN 20 ADJUVANT
13912	SAZ	CHP	THURICIDE 16B AQUEOUS CONCENTRATE FOR GROUND APPLICATION
13929	CHP		SEVIN LIQUID SUSPENSION INSECTICIDE
13948	CHP		CHIPMAN CAPTAN BENOMYL FUNGICIDE
13965	STF		SUTAN + ENCAPSULATED
13975	MEC		MERTECT FLOWABLE FUNGICIDE
13982	CBB		CIL CYGON 2-E
13984	VIT	VIR	ULTRA V AEROSOL INSECTICIDE
14007	CHC		CHEMPARA VAM ANIMAL REPELLANT
14008	WIL		WILSONS STOP WEEDS
14009	WIL		WILSONS BORER KILL LIQUID INSECTICIDE
14017	CHV		CHEVRON ROSE AND FLOWER JET DUSTER PRESSURIZED
14019	CHP		CHIPMAN ARSORGARD
14064	DUQ		KRENITE BRUSH CONTROL AGENT
14080	CBB		CIL MALATHION 50 CONCENTRATE
14081	CBB		CIL CRABGRASS PREVENTER
14102	VEL		VELCAN BELT CHLORDANE 33.3 G
14106	INT		CO-OP CAPTAN 50 WP
14107	INT		CO-OP DIAZINON 12.5
14113	STF		PREFAR 4.8E HERBICIDE
14144	INT		CO-OP GOLDEN FLY BAIT
14150	MBE		MARQUETTE HERBITEX K HERBICIDE
14151	MBE		MAR-COP POTATO TOMATO AND VEGETABLE INSECTICIDE FUNGICIDE DUST
14160	CHP		DEECOP POTATO TOMATO AND VEGETABLE DUST
14161	MBE		MARQUETTE ARBOGARD
14193	CHC		MAG-X-CIDE NON SELECTIVE LIQUID HERBICIDE
14224	HYN	SMS	HYSAN DIQUAT HERBICIDE
14233	MBE		PROSOL LAWN AND GARDEN FUNGICIDE
14241	CUP		COAL TAR CREOSOTE WOOD PRESERVATIVE
14250	ELA		SPIKE 5 P HERBICIDE
14277	WIL		WILSONS DURSBAW LAWN AND SOIL EMULSIFIABLE INSECTICIDE
14279	ALS		AMITROL-T HERBICIDE
14281	AVM		VITAL K-115 LIQUID WEED KILLER
14282	CHV		ORTHENE INSECT SPRAY EC
14305	KEM		RIDDEX BAYGON ROACH BAIT
14335	ZOC		STARBAR EC1

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14341	CHP		CHIPMAN SYSTEM 2-E EMULSIFIABLE CONCENTRATE
14342	CHP		CHIPMAN SEVIN LIQUID SUSPENSION INSECTICIDE
14343	MBE		MARQUETTE SEVIN LIQUID SUSPENSION INSECTICIDE
14407	CHP		CHIPMAN MALATHION 50 EC GRAIN BIN PROTECTANT
14414	GCP		GREEN CROSS LIQUID VEGETATION KILLER
14421	MBE		MARQUETTE SYSTEM 2-E SYSTEMIC INSECTICIDE
14447	CHP		CHIPMAN ARBOGARD RODENT REPELLENT
14454	CHP		CHIPMAN 25 SEVIN BLUEBERRY DUST
14487	KEM		RIDDEX BAY-FOG 4 FOGGING INSECTICIDE
14497	CHP		MILGO E SYSTEMIC FUNGICIDE LIQUID SUSPENSION
14501	PFF		AFESIN 2E HERBICIDE
14518	MBE		MARQUETTE FRUIT-PLUS LIQUID FRUIT TREE SPRAY
14519	CHP		CHIPMAN FRUIT-PLUS LIQUID FRUIT TREE SPRAY
14536	CHP		CHIPMAN FOLIGARD LAWN AND GARDEN FUNGICIDE
14537	MBE		MARQUETTE FLORAL GARDEN DUST INSECTICIDE FUNGICIDE
14555	PFF		PFIZER PHYGON XL
14556	CHP		CHIPMAN NO-HOE WEED PREVENTER
14557	MBE		MARQUETTE SOLNET WEED PREVENTER
14561	SCT		SCOTTS PRO-TURF GRANULAR WEEDGRASS PREVENTER
14562	PFF		PFIZER ZINEB 80 W
14566	PFF		PFIZER SEVIN 50 W
14568	BIE		BIKOE DIAZINON GRANULES
14583	ZOC		STARBAR BACK RUBBER CONCENTRATE
14593	SCT		SCOTTS PRO-TURF K-O-G GRANULAR WEED CONTROL
14610	PFF		PFIZER FERBAM 76 W
14624	CHP		CHIPMAN CAPTAN FLOWABLE FUNGICIDE
14632	FFA	WBB	PYRENONE 25-5 MAG SOLUTION INSECTICIDE
14649	SHL		VENDEX 50 W MITICIDE
14656	PFF		PFIZER MALATHION 25 W
14660	ZOC		ENSTAR 65 EC INSECT GROWTH REGULATOR
14672	UNR		AMKIL 80 MCPA
14675	UNR		AMKIL 80 MCPA
14700	PRG		DELSPRAY 90 TOBACCO SUCKER CONTROL AGENT
14709	NIA		NIAGARA SUPER SPRED SURFACTANT
14712	NIA		NIAGARA ETHION 5 PLUS THIRAM 7.5 GRANULAR
14716	NIA		NIAGARA ZINEB 75 W FUNGICIDE
14718	NIA		NIAGARA MCP 48 SODIUM SALT WEEDKILLER
14719	NIA		NIAGARA ALAHAP 3 WEEDKILLER
14720	NIA		NIAGARA SODIUM TCA HERBICIDE SOLUBLE POWDER
14724	NIA		NIAGARA ZIRAM WP FUNGICIDE
14725	NIA		NIAGARA AMSOL 80 LIQUID HERBICIDE
14726	NIA		NIAGARA AMSOL 96 LIQUID HERBICIDE
14727	NIA		NIAGARA THIODAN 2 ZINEB 5 DUST
14729	NIA		NIAGARA MALATHION 5 EC INSECTICIDE
14730	NIA		NIAGARA MCP 80 AMINE WEEDKILLER
14733	NIA		NIAGARA MECOTURF PLUS 24D LIQUID WEEDKILLER
14737	NIA		NIAGARA ETHION 2.7 DORMANT OIL
14740	NIA		NIAGARA FERBAM 76 W FUNGICIDE
14756	NIA		NIAGARA STIK WP NAA PLANT GROWTH REGULATOR

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14757	NIA		NIAGARA METHOXYCHLOR 50 W INSECTICIDE
14761	NIP		NIAGARA RODENT REPELLENT
14763	NIA		NIAGARA MECOTURF 48 LIQUID WEEDKILLER
14768	NIA		NIAGARA MANEB 80 W FUNGICIDE
14769	NIA		NIAGARA MALATHION 25 WP INSECTICIDE
14772	NIA		NIAGARA METHOXOL EC INSECTICIDE
14773	PFF		PFIZER ZIRAM 85W
14784	NIA		NIAGARA ETHION SUPERIOR OIL 70
14797	NIA		NIAGARA ROTENONE 5 WP INSECTICIDE
14798	NIA		NIAGARA SEVIN 50 WP INSECTICIDE
14799	NIA		NIAGARA POLYRAM FUNGICIDE SEED PROTECTANT
14802	NIA		NIAGARA SOLAN 4 EC WEEDKILLER
14808	NIA		NIAGARA PHYGON 50 WP FUNGICIDE
14817	PFF		PFIZER AFOLAN HERBICIDE
14819	PFF		PFIZER ETHION 5 THIRAM 7.5 G
14823	SOL		CAPTAN 50 W FUNGICIDE
14825	BAZ		POLYRAM 80W FUNGICIDE
14828	BAZ		POLYRAM 7 DUST FUNGICIDE
14846	NIA		NIAGARA LIME SULPHUR LIQUID INSECTICIDE
14850	KEM		KS C2 CHLORDANE RESIDUAL INSECTICIDE
14854	KEM		MOSQUITO GRANULES INSECTICIDE
14857	PRL		TOXI-MIX FLY KILLER STRIP
14859	GCP		GREEN CROSS LIQUID SEVIN
14861	INT		CO-OP SEVIN 50 WP
14868	NIA		NIAGARA MALATHION 4 PYRENONE INSECTICIDE DUST FOR MUSHROOMS
14869	SAL		PAR-O-SAN F POWDERED FUMIGANT
14880	HUH		HOME HARDWARE CREOSOTE WOOD PRESERVATIVE
14881	HUH		HOME HARDWARE PAINTABLE PENTA CLEAR WOOD PRESERVATIVE
14882	CHP		CHIPMAN AMBUSH 50 EC FOR USE ON TOBACCO
14895	CHP		CHIPMAN MALEIC HYDRAZIDE
14902	CHC		CHEMPARA BROCIDIE HERBICIDE
14906	GOF		GOODFELLOW ALL WEATHER WOODPRESERVATIVE FOR CUTS
14907	UNR		PHYGON XL ORCHARD FUNGICIDE
14915	NIA		NIAGARA CORN OIL CONCENTRATE
14925	CHP		CHIPMAN MANCOZEB POTATO SEED PIECE DUST
14939	NIA		NIAGARA FERBAM 7 DUST
14940	NIA		NIAGARA LIQUID FRUIT TREE SPRAY
14941	NIA		NIAGARA NIA-TAC TOBACCO SUCKER CONTROL AGENT
14964	CHP		AMBUSH 25 WP INSECTICIDE FOR CONTROL OF PEAR PSYLLA ADULTS
14976	CHP		AMBUSH 50 EC INSECTICIDE FOR USE ON GREENHOUSE ORNAMENTALS
14980	BAZ		PATORAN FL LIQUID SUSPENSION
14982	BAZ		POLYRAM DIAZINON FUNGICIDE INSECTICIDE DUST
14986	GCP		GREEN CROSS DCT DUAL PURPOSE SEED TREATMENT
14987	CHP		CHIPMAN IF PLUS DUAL PURPOSE SEED TREATMENT
14995	NIA		NIAGARA ZINEB 80 W
14996	NIA		AFOLAN BRAND LINURON 50 W
14999	CGA		DUAL 960 EC HERBICIDE
15001	ELA		SPIKE 5 G HERBICIDE
15006	FAR	PFE	COUNTRY DOG DIP QUICK

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
15009	CHP		CHIPMAN ZINEB 80 WP FUNGICIDE
15014	ZOC		VET-KEM WARBLEX CATTLE INSECTICIDE
15033	ZOC		VET-KEM E.C 1
15084	CYC		NOVABAC-3 BIOLOGICAL INSECTICIDE FOR WOODLAND USE
15111	PLG		SATHON 10-10 MITICIDE
15118	GCH		FLORAL 50 MALATHION LIQUID INSECTICIDE MITICIDE
15121	ARR	VIO	VAPOROOTER PLUS A FOAMING FUMIGANT
15122	ARR	VIO	VAPOROOTER A FOAMING FUMIGANT
15123	ARR	VIO	SANAFAM VAPOROOTER
15130	CAT		CANTOL D-SECT LIQUID SPRAY AND FOGGING INSECTICIDE
15131	FIS		FISONS NEOBYNE 125 EC HERBICIDE
15132	FIS		FISONS NEOBYNE 250 EC HERBICIDE
15135	FAR	PFE	COUNTRY DOG FLEA AND TICK COLLAR
15143	TIR	BAU	POLE TOPPER FLUID
15144	TIR	BAU	OSMO BAND WOOD PRESERVATIVE BANDAGE
15149	CHC		CHEMPARA KROZINE HERBICIDE
15151	QCD		BOROCIL IV GRANULAR HERBICIDE
15158	CAT		CANTOL SELECTRA 20 LIQUID WEED KILLER
15176	ZOC		PREMIUM GOLDEN MALRIN FLY BAIT
15188	LOR		LORRAIN FLY PATROL BAIT
15212	PLG		PULSFOG FOGGING SOLUTION PFW
15213	MBY		ROVRAL TURF FUNGICIDE
15240	DOW		DOW FORMULA 40 MCPA LIQUID FARM WEED KILLER
15243	WIL		WILSONS POTTED PLANT SYSTEMIC INSECTICIDE
15244	TRO	COS	TRL 08 LIQUID SOIL STERILANT
15256	CHM	SAF	MAKI 0.1 DRY CONCENTRATE RODENTICIDE
15257	CHM	SAF	MAKI LIQUID CONCENTRATE RODENTICIDE
15258	INT		CO-OP WARBLE KILLER
15262	GCH		FLORAL FUNGICIDE DUST INDOOR OUTDOOR
15265	MBE		MARQUETTE HERBITEX LIQUID HERBICIDE
15266	NIA		BLUESTONE SUPERFINE SOL POWDER FUNGICIDE
15271	HYP	COS	HYDE-PARK GRIM REAPER LIQUID SOIL STERILANT
15295	JOH		BOLT AIRBORNE LIQUID INSECTICIDE FORMULA P-3610
15304	CHP		CHIPMAN DALAPON QUACK GRASS KILLER
15319	SOL		DANEX 80 SP INSECTICIDE
15335	TOX		NEW TOXI-MIX INSECTICIDE WP
15344	CGC		BASUDIN FM MICROENCAPSULATED INSECTICIDE
15359	ROE		STARBAR PROLATE EMULSIFIABLE LIQUID BEEF CATTLE INSECTICIDE
15365	DEE	COS	DEE-STRICT LIQUID SOIL STERILANT
15414	AGB	ORE	GALLEX CROWN GALL CONTROL
15415	WIL		WILSONS ROTENONE SPRAY
15416	WIL		WILSONS LIQUID FRUIT TREE SPRAY
15423	STF		PROLATE 8 OS POUR-ON BEEF CATTLE INSECTICIDE
15426	MBE		MARQUETTE CUCURBIT INSECTICIDE-FUNGICIDE DUST
15437	NIA		NIAGARA METAM-SODIUM LIQUID SOIL FUMIGANT
15470	CHP		CHIPMAN CRABGRASS PREVENTER
15472	KEM		RIDDEX 3610D ULV INSECTICIDE
15475	SAF		10-1 PLUS FOOD PROCESSORS SPRAY
15504	KEM		RIDDEX CHLORDANE 5 DUST

## SCHEDULE 3

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
15521	COS		COPELAND LIQUID SOIL STERILANT
15538	UNR		VITAVAX POWDER
15565	SAF		SANEX PROX 120 INSECTICIDE CONCENTRATE
15567	SAF		ABATE 2 G
15588	NIA		NIAGARA THIRALATE FUNGICIDE
15606	NIA		NIAGARA PHENOXYLENE PLUS HERBICIDE
15608	CHP		CHIPMAN DODINE 65 WP
15658	FLC		VARAPEL WOOD PRESERVATIVE SEALER NATURAL
15659	FLC		VARAPEL WOOD PRESERVATIVE SEALER HUNTER GREEN
15660	FLC		VARAPEL WOOD PRESERVATIVE SEALER CORDOVA BROWN
15661	FLC		VARAPEL WOOD PRESERVATIVE SEALER CHARCOAL
15662	FLC		VARAPEL WOOD PRESERVATIVE SEALER FAWN
15663	FLC		VARAPEL WOOD PRESERVATIVE SEALER WALNUT
15664	FLC		VARAPEL WOOD PRESERVATIVE SEALER MAHOGANY
15665	FLC		VARAPEL WOOD PRESERVATIVE SEALER REDWOOD
15666	FLC		VARAPEL WOOD PRESERVATION SEALER MAPLE
15671	CAX		AFESIN 2EC HERBICIDE
15679	SAF		BROMONE 0.1 DRY CONCENTRATE RODENTICIDE
15680	SAF		BROMONE LIQUID CONCENTRATE
15682	VEL		EMBARK 1.5 PLANT GROWTH REGULATOR
15687	DOL		PERMA-KILL 100 ROACH POWDER
15688	WEC		WEALL AND CULLEN GARDEN SPRAY
15701	CHP		ECTIBAU FLY KILLER EC PYRETHROID INSECTICIDE
15723	DIB	DIA	BRAVO 500 AGRICULTURAL FUNGICIDE
15724	DIB	DIA	DACONIL 2787 FLOWABLE TURF CARE FUNGICIDE
15737	INT		CO-OP SEVIN 80 WP
15742	INT		CO-OP BACKYARD CLEAN-UP LIQUID WEEDKILLER
15752	CAX		AFOLAN EC HERBICIDE
15755	INT		CO-OP POTATO SEED-PIECE TREATMENT +
15771	CHP		CHIPMAN LIMAX SLUG KILLER BAIT
15774	CAX		AFOLAN 50 WP HERBICIDE
15851	NIA		NIAGARA CHLORDANE 25G
15857	BAZ		PYRAMIN FL LIQUID SUSPENSION HERBICIDE
15887	DOW		DURSBAN HOME AND GARDEN SPRAY CONCENTRATE
15903	MEL		DOOM ROACH DESTROYER
15954	GCP		GREEN CROSS HOE-NO-MORE WEED PREVENTER
15970	DOW		DURSBAN TURF GRANULAR INSECTICIDE
15972	ANX	STK	GRANULAR MOULD KILLER
15982	GCP		GREEN CROSS LIQUID LIME SULPHUR
15994	KEM		RIDDEX MALFOG 45 FOGGING CONCENTRATE INSECTICIDE
16027	AMV	VEF	FRUIT FIX CONCENTRATE
16036	SHL		SANBAR INSECTICIDE
16041	ZOE	ZOD	STARBAR DAIRY SPRAY WITH REPELLENT
16042	ZOE	ZOD	STARBAR STOCK SPRAY WITH REPELLENT
16043	HOK	PFF	HOPKINS SODIUM TCA WEED KILLER
16061	GCP		GREEN CROSS BORER SPRAY LIQUID INSECTICIDE
16080	FIS		FICAM D INSECTICIDE DUST
16149	CAT		CANTOL 350 SELECTIVE BROADLEAF WEED KILLER
16155	UCA	JOS	ETHREL LIQUID PLANT GROWTH REGULATOR FOR FLUE CURED TOBACCO
16162	SHL		VENDEX 50W MITICIDE
16189	UNR		THIRAM 320 FLOWABLE FUNGICIDE
16200	WIL		WILSONS GRANULAR VEGETATION KILLER
16213	CHP		CHIPMAN BENOMYL-CAPTAN SYSTEMIC FUNGICIDE
16273	FOF		FOSSIL FLOWER NATURAL BUG KILLER AND FUNGICIDE FOR ROSES
16448	CGA		BASUDIN FM FLOWABLE MICRO-ENCAPSULATED INSECTICIDE
16458	DOW		LORSBAN 15 G INSECTICIDE

## SCHEDULE 3

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration Number under Fertilizer Act (Canada)</u>	<u>Registrant under Fertilizer Act (Canada)</u>	<u>Pesticide</u>
211	Brockville Chemical Industries Ltd.	Nutrite 10-6-4 Feed'n Bugaway Turf Special Lawn Food - chlordane 1.83%
331	Simpson Sears Ltd.	Cross Country Pre Emergent Crabgrass Killer 10-6-4 with chlorthal 2.3%
415	Manchester Products Ltd.	Super Green 10-6-4 with chlorthal 2.3%
418	Manchester Products Ltd.	Manchester Super Green 7-7-7 with chlorthal 2.3%
1565	Ciba-Geigy Ltd.	Green Cross Lawn Green with Crabgrass Preventer 14-7-3 azak 3.9%
1895	Brockville Chemical Industries Ltd.	Nutrite 4-12-8 Plant Food and Weed Preventer with trifluralin 0.31%
1927	Brockville Chemical Industries Ltd.	Nutrite 10-6-4 Feed'n Crabcheck Lawn Food C. G. Preventer - chlorthal 1.1%
1953	Art Knapp Garden Spots	Knapps Lawn Boost 15-5-10 with chlordane 1.2%
2056	So-Green Industries	So-Green 7-7-7 Crabgrass Preventer contains azak 1.5%
2057	So-Green Industries	So-Green 7-7-7 with chlordane 0.94%
2065	Green Valley Fertilizer & Chemical Co. Ltd.	Green Valley 20-5-10 Hi-Light Feed and Weed Bugkil with chlordane and Killex
2066	Green Valley Fertilizer & Chemical Co. Ltd.	Green Valley 20-5-10 Hi-Light Feed and Bugkil with chlordane 2.5%
2077	UCO	CO-OP Fertilin 10-6-4 Turf Fertilizer with Crabgrass Preventer - tupersan 2%
2078	UCO	CO-OP Fertilin 10-6-4 Turf Fertilizer with White Grub Killer with chlordane 2.5%
2087	Simpson Sears Ltd.	Cross Country Grub and Bug Killer 10-6-4 with chlordane 2.3%

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration Number under Fertilizer Act (Canada)</u>	<u>Registrant under Fertilizer Act Canada</u>	<u>Pesticide</u>
2092	Cyanamid of Canada Ltd.	Aero (R) True-Green 10-6-4 with chlordan 1.8%
2101	Vigoro Division, Swift Canadian Co. Ltd.	Golden Vigoro and Crabgrass preventer 12-6-3 chlorthal 2.3%
2102	Brockville Chemical Industries Ltd.	Nutrite 4-9-15 Winter Conditioner with chlorthal 1.6%
2118	So-Green Industries	So-Green 10-5-10 with chlorthal 2.9%
2119	So-Green Industries	So-Green 10-5-10 with chlordan 2.35%
2120	So-Green Industries	So-Green 10-6-4 with siduron 2%
2121	So-Green Industries	So-Green 7-7-7 with azak 1.2%
2122	O. M. Scott & Sons Co.	20-5-5 with bensulide 6.2%
2129	O. M. Scott & Sons Co.	Halt Plus for lawns 20-6-6 with bensulide 6.2%
2133	Cyanamid of Canada Ltd.	Aero Green Crabgrass Preventer with chlorthal 1.72%
2139	Brockville Chemical Industries Ltd.	Nutrite Turf Bugaway 8-7-8 with chlordan
2140	Brockville Chemical Industries Ltd.	Nutrite Turf plus crabcheck 8-5-8 with chlorthal 1.1%
2147	O. M. Scott & Sons Co.	Scotts Proturf 28-0-7 High Density Fertilizer plus DSB Fungicide
2150	CIL	CIL Crabgrass Doctor 18-6-9 with chlorthal 3.37%
2159	O. M. Scott & Sons Co.	Scott's Proturf 13-3-3 FF II
2160	O. M. Scott & Sons Co.	Scotts Lawn Insect Control plus Fertilizer 28-6-4
2162	O. M. Scott & Sons Co.	Scott's Proturf 26-0-12 with bensulide
2166	O. M. Scott & Sons Co.	Scott's Turf Builder with halts 20-5-5 containing Dacthal
2167	O. M. Scott & Sons Co.	Scotts Turf Builder 22-3-3 Plus Halts Crabgrass Preventer
2197	O. M. Scott & Sons Co.	Scott's Turf 18-5-5 Fertilizer plus Chlorothaonil Broad Spectrum Fungicide
2202	O. M. Scott & Sons Co.	Scotts Turf Builder 18-6-6 Plus Lawn Disease Preventer

O. Reg. 833/80, s. 5 (Sched. 3).

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
00037	REX		REXALL MOTH FUME CRYSTALS (PARADICHLOROBENZENE)
00283	DTC		DEE TEE PARADICHLOROBENZENE MOTH KILLER CRYSTALS
00788	PEA		CREOLIN TAR ACID DISINFECTANT
00869	WOB		WOOD'S PARADICHLOROBENZENE DEODORIZER AND MOTH KILLER
01021	FAP		FAMILEX GASOMITE PARADICHLOROBENZENE
01079	EAN		MOETH CRYSTALS PARADICHLOROBENZENE
01157	ELN		ELECTROLUX PARADICHLOROBENZENE CRYSTALS
01365	CHV		VOLCK OIL SPRAY EMULSIVE MINERAL OIL FOR FOLIAGE SPRAY
01451	FUB		FULLER MOTH NUGGETS (PARADICHLOROBENZENE)
01620	NOX		NOXALL ANT DOOM DUST
01686	GCP		GREEN CROSS GARDEN GUARD INSECTICIDE
01977	CRC		CROMAC PARADI MOTH CRYSTALS AND BLOCKS
02039	SAF		FLEA-X CAT AND DOG INSECTICIDE SHAMPOO
02234	WIL		WILSON'S ANT TRAP
02525	REC		NAP-LENE NAPHTHALENE BALLS, CRYSTALS AND FLAKES
02528	REC		PARA-ZENE PARADICHLOROBENZENE
02994	CAA		CRISTAUX A MITES CADILLAC
03271	STQ		STANLEY PERFUMED PARADICHLOROBENZENE CRYSTALS
03272	STQ		STANLEY SOLIDIFIED PARADICHLOROBENZENE MOTH CAKES
03276	RAW		RAWLEIGH PARADICHLOROBENZENE MOTH CRYSTALS AND NUGGETS
03682	MOR		MOTHAL - NAPHTHALENE - MOTH BALLS - MOTH FLAKES
03692	MOR		MOTHAL - PARADICHLOROBENZENE - MOTH KILLER - NUGGETS
03758	NOX		NOXALL RAT BAIT CONTAINING WARFARIN AND SULFAQUINOXALINE
03872	HAU		MY-T-MITE POWDER
04039	GCP		GREEN CROSS TANTOO REPELLENT PRESSURIZED SPRAY
04305	SAF		RODENTKIL WARFARIN BAIT
04586	CYC		MALATHION 4% DUST INSECTICIDE
04884	FUB		FULLER MOTH PROOFER PRESSURIZED SPRAY
05198	REC		ECONOMY MOTH BALLS AND FLAKES - NAPHTHALENE
05294	FUB		REPEL INSECT REPELLENT
05396	RAW		RAWLEIGH PRESSURIZED MOTH PROOFER
05490	ABE		WACO BUGKILL AEROSOL INSECTICIDE
05565	OSD		PENTOX PRIMER SEALER WOOD PRESERVATIVE DARK GREEN
06232	JOH		MOTH-RAID MOTHPROOFER
06234	JOH		RAID INSECT SPRAY
06338	RAL		PURINA HOME AERO-SPRAY INSECTICIDE
06590	MAZ		MARC-O CRYSTALS PARADICHLOROBENZENE ANTI-MOTH DEODORANT
06591	CHV		ORTHO INDOOR PLANT INSECT BOMB CONTAINS PYRETHRINS ROTENONE AND PIPERONYL BUTOX
06592	MAZ		BOULES ET FLOCONS A MITES (NAPHTHALENE)
06593	NIP		LION BRAND MOSQUITO COIL FOR KILLING MOSQUITOS
06655	CHV		ORTHO HOME AND GARDEN INSECT BOMB CONTAINS METHOXYCHLOR, PYRETHRINS AND
06758	RAW		RAWLEIGH PARADICHLOROBENZENE PERFUME AND DEODORANT
06779	MBE		ROTENONE MARQUETTE (INSECTICIDE POUR LEGUMES)
06907	SVC		MERCURY KILLROT B GREEN WOOD PRESERVATIVE
06909	SVC		MERCURY KILLROT E-B CLEAR WOOD PRESERVATIVE
06944	WIL		WILSON'S WARFARIN RAT AND MOUSE KILLER PELLETS
06986	MOB		PENTANOL DARK GREEN FUNGICIDE

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
07078	TUC		HOME AND GARDEN INSECT SPRAY
07127	HOS		1-30 TOXO A FOR WOOD, A COPPER NAPHTHENATE PRESERVATIVE
07137	REC		NERO INSECT REPELLENT
07207	PIT		DIRYL INSECTICIDE POWDER
07344	GAP		"SHOO" GARDO NO. 23
07545	RAW		RAWLEIGH ROACH AND ANT KILLER
07668	ROR		ROZ-TOX WP-1 GREEN WOOD PRESERVATIVE
07670	ROR		ROZ-TOX WP-2 CLEAR WOOD PRESERVATIVE
07704	HAU		HARTZ MOUNTAIN LUSTER BATH FOR DOGS
07705	NOX		NOXALL FLEA BRUSH FOR DOGS AND CATS
07745	HAU		HARTZ MOUNTAIN CAT FLEA POWDER
07762	REC		RECORD'S DEATH TO MICE 0.025% WARFARIN BAIT
07857	ABE		WACO DIA-ONE-INSECTICIDE SPRAY CONTAINING DIAZINON
07873	MUL		MUSKOL INSECT REPELLENT
08026	GCP		GREEN CROSS ROSE AND FLOWER GUARD INSECTICIDE- FUNGICIDE CONTAINS PYRETHRIN
08078	CHG		BAY 29493 PRESSURIZED SPRAY ORNAMENTAL INSECTICIDE
08198	CAO		BULLDOG GRIP GREEN WOOD PRESERVATIVE
08301	ARC		TANGLE FREE ANIMAL BEAUTY BATH CONTAINS PYRETHRINS AND PIPERONYL BUTOXIDE
08376	HAU		HARTZ MOUNTAIN LUSTER BATH FOR CATS
08378	HAU		HARTZ MOUNTAIN RID FLEA DOG SHAMPOO
08403	ORM		TENOCIDE PRESSURIZED SPRAY
08472	JOH		RAID ROSE AND FLOWER SPRAY
08478	HAU		HARTZ MOUNTAIN ITCH-STOP DOG LOTION
08498	NOP		STAG INSECT REPELLENT
08512	REC		MAJOR MOTH BALLS
08516	INT		CO-OP AEROSOL HOUSE AND GARDEN INSECT KILLER CONTAINS PYRETHRINS PIPERONYL BUTOXIDE
08696	MBE		MARQUETTE PRESSURIZED INSECTICIDE FOR HOUSE AND GARDEN
08718	POP		POULIN'S PROLIN RAT POISON (READY MIX)
08719	DTC		CERTIFIED CITRONELLA OIL B.P.C. FOR BLACK FLIES AND MOSQUITOES
08725	PIT		SPRECTO PRESSURIZED SPRAY INSECTICIDE WITH REPELLENT
08748	HAU		HARTZ MOUNTAIN FLEA AND TICK KILLER FOR CATS
08784	HAU		HARTZ MOUNTAIN FLEA AND TICK KILLER
08834	HAU		HARTZ MOUNTAIN FLEA POWDER FOR DOGS
08877	SHL		PLAQUETTE VAPONA NO-PEST INSECTICIDE (10 IN STRIP)
09021	HAC		UNIVERSAL KEET BATH FLEA SPRAY FOR CAGE BIRDS
09023	HAC		UNIVERSAL FLEA KILLER FOR DOGS AND CATS
09043	TUC		FLYVAP INSECT KILLER VAPONA STRIP
09100	REC		ECONOMY PARADICHLOROBENZENE MOTH CRYSTALS
09138	AMW	AMZ	AMWAY PERFUMED MOTH CRYSTALS
09154	AMW	AMZ	AMWAY D-15 INSECT REPELLENT
09162	GAP		MIROL SHAMPOO FOR DOGS
09167	GCP	GCP	GREEN CROSS ANT KILLER LIQUID
09176	FMC		POMOGREEN FLOWER SPRAY
09181	RAL		PURINA VAPONA STRIP CONTAINING DICHLORVOS
09189	NOX		NOXALL FLEA POWDER FOR DOGS AND CATS
09203	JOH		OFF PRESSURIZED INSECT REPELLENT

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09214	KVL		K-VET FLEA POWDER FOR CATS CONTAINS CARBARYL
09216	KVL		K-VET FLEA POWDER FOR DOGS CONTAINS CARBARYL
09221	WIL		WILSON'S EMULSIFIABLE DORMANT OIL SPRAY SUPERIOR OIL
09228	WOB		INSECT-O-STRIP INSECTICIDE
09237	HAC		UNIVERSAL PRESSURIZED DRY SHAMPOO FOR DOGS AND CATS
09241	ARC		PRESSURIZED FLEA SPRAY CONTAINS PYRETHRINS, PIPERONYL BUTOXIDE AND METHO
09261	FMC		NIAGARA ANT TRAP WITH KEPONE
09265	GAP		PRESSURIZED FLEA AND TICK SPRAY FOR DOGS AND CATS
09272	MBE		MARQUETTE 5% SEVIN (CARBARYL) DUST INSECTICIDE
09281	RAW		RAWLEIGH PRESSURIZED INSECT REPELLENT
09303	ARC		PRESSURIZED CAT FLEA SPRAY
09430	CUT	CUS	CUTTER INSECT REPELLENT SPECIAL CREAM FORMULA
09435	JOH		OFF PRESSURIZED INSECT REPELLENT NEW FOAM TYPE
09502	BOY		BLACK FLAG ANT TRAPS WITH KEPONE
09572	CHG	CHH	BAYGON RESIDUAL HOUSEHOLD INSECT SPRAY
09573	CHG	CHH	BAYGON HOUSEHOLD INSECT RESIDUAL PRESSURIZED SPRAY
09597	REC		HAPPY HOME PARADICHLOROBENZENE MOTH CRYSTALS OR NUGGETS
09601	INT		COOP INSECT REPELLENT PRESSURIZED SPRAY
09626	HAU		HARTZ MOUNTAIN FLEA SOAP FOR DOGS
09628	ORM		KENNEL SPRAY PRESSURIZED RESIDUAL INSECTICIDE
09676	CHG	CHH	BAYTEX 1% GRANULAR RESIDUAL MOSQUITO LARVICIDE
09703	ORM		FLEA SHAMPOO
09734	REC		HAPPY HOME NAPHTHALENE MOTHBALLS OR MOTH FLAKES
09748	JOH		RAID FLYING INSECT KILLER
09749	JOH		RAID HOUSE AND GARDEN BUG KILLER
09754	JOH		YARD RAID PRESSURIZED OUTDOOR FOGGER - KILLS AND REPELS INSECTS
09756	LIO	COF	LION BRAND MOSQUITO COILS
09780	BOY		BLACK FLAG HOUSE AND GARDEN INSECT KILLER
09781	BOY		BLACK FLAG FLY AND MOSQUITO KILLER
09864	MBE		MARQUETTE CHALET FLY REPELLENT LOTION
09869	BOY		SHOO FLY INSECT REPELLENT SPRAY
09887	STQ		STANLEY HOUSE AND GARDEN SPRAY INSECTICIDE
09908	HAC		UNIVERSAL FLEA-OFF SHAMPOO CONTAINS PXRETHRINS AND PIPERONYL BUTOXIDE - FOR DOGS AND CATS
09930	PEV		FLY SCREEN LIQUID, PERSONAL INSECT REPELLENT
09967	REX		REXALL PRESSURIZED INSECT REPELLENT SPRAY
10007	MBE		CHALET VAPORISANT ANTI-MOUSTIQUES
10033	MAZ		MARC-O RAT AND MOUSE KILLER
10043	COQ		COOPER DRI KIL
10048	COQ		COOPER WIPE-ON INSECTICIDE SOLUTION
10052	COQ		COOPER PRESSURIZED FLY SPRAY FOR HORSES AND SHOW STOCK
10058	COQ		PULVEX PRESSURIZED KITTY AND CAT FLEA SPRAY
10095	SHL		SHELL FLEA COLLAR FOR DOGS CONTAINS DICHLORVOS
10117	COQ		PULVEX PRESSURIZED FLEA AND TICK SPRAY WITH REPELLENT
10118	COQ		PULVEX ANTI-FLEA CAT COLLAR
10119	COQ		PULVEX ANTI-FLEA DOG COLLAR
10152	FMC		DOG GONE IT REPELLENT SPRAY

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10153	HAU		HARTZ MOUNTAIN NO!! INDOOR PET REPELLENT
10154	HAU		HARTZ MOUNTAIN NO!! OUTDOOR PET REPELLENT
10156	COQ		PULVEX KITTY, CAT AND DOG FLEA, TICK AND FUNGUS POWDER
10159	MBE		CANINE POUDRE A CHIEN ET CHAT
10165	SAF		1% DIAZINON INSECTICIDE SOLUTION
10169	COQ		PULVEX PRESSURIZED LUSTER-FOAM DRI-SHAMPOO
10170	COQ		PULVEX 6 USE DOG SOAP
10171	COQ		PULVEX PRESSURIZED KITTY & CAT FOAM SHAMPOO CONTAINS ROTENONE INSECTICIDE
10172	COQ		PULVEX BEAUTY TREATMENT SHAMPOO FOR DOGS
10209	HAC		UNIVERSAL HAMSTER BATH SPRAY MIST
10240	CHG	CHH	BAY 9010 0.25% PRESSURIZED DOG AND CAT SPRAY
10266	INT		CO-OP ANT AND ROACH PRESSURIZED RESIDUAL SPRAY CONTAINS DIAZINON, PYRETHRINS AND PIP
10269	NOX		NOXALL DOG FLEA SOAP
10311	BOY		BLACK FLAG ANT AND ROACH KILLER
10352	MBM	GLE	BOB MARTIN ANTIMATE FLUID
10371	NOX		NOXALL SCAT'S OFF CAT AND DOG REPELLENT LIQUID
10377	JON		SCENT-OFF TWIST-ONS DOG AND CAT REPELLENT
10398	IMP		FLIT HOUSE AND GARDEN BUG KILLER
10403	HAC		UNIVERSAL DOG AND CAT REPELLENT SPRAY
10415	INT		CO-OP FLY KILLER PRESSURIZED SPACE SPRAY FOR HOUSEHOLD INSECTS
10434	RAL		PURINA RUB-ON LIQUID HORSE INSECTICIDE
10438	INT		CO-OP FLY KILL SPACE SPRAY
10441	NOX		NOXALL PRESSURIZED CAT AND DOG REPELLENT
10448	WIL		WILSON'S PRESSURIZED REPELL - DOG/CAT REPELLENT
10480	GUM		GULF INSECT REPELLENT (PRESSURIZED SPRAY)
10489	DAL		FLAIR FLEA AND TICK POWDER CONTAINING MALATHION AND ROTENONE
10490	DAL		FLAIR FLEA AND TICK PRESSURIZED SPRAY
10506	GUM		GULF SPRAY HOUSE AND GARDEN PEST KILLER
10521	CGC		BLACK LEAF WARFARIN RAT BAIT CONTAINS WARFARIN
10551	ORM		LIQUACIDE FLEA KILLER DEODORANT SPRAY
10559	GCP		GREEN CROSS ROSE DUST INSECTICIDE-FUNGICIDE
10565	CHP		CHIPMAN ROSE AND GARDEN DUST INSECTICIDE-FUNGICIDE (CONTAINS FOLPET, MALATHION)
10568	CHP		CHIPMAN GARDEN DUST FUNGICIDE (CONTAINS FOLPET,
10587	SHL		IMPROVED PLAQUETTE VAPONA INSECTICIDE NO-PEST STRIP
10591	BOY		BLACK FLAG GUARANTEED BUG KILLER
10596	COQ		PULVEX INDOOR SHUN
10611	JON		SCENT-OFF PELLETS
10652	GCP		GREEN CROSS DOG AND CAT REPELLENT
10703	MBE		MARQUETTE GUEPEX INSECTICIDE PRESSURISE (DETRUIT LES GUEPES ET LES FRELONS)
10704	MBE		MARQUETTE URINEX PRESSURIZED DOG AND CAT REPELLENT
10705	MBE		FORMISOL INSECTICIDE SOUS PRESSION (EXTERMINATEUR PRESSURISE DES FOURMIS ET DE
10706	HAC		UNIVERSAL DOG FLEA POWDER CONTAINS PYRETHRINS AND ROTENONE
10707	HAC		UNIVERSAL CAT FLEA POWDER CONTAINS PYRETHRINS AND ROTENONE

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10713	CHP		RIDSECT HOUSE AND GARDEN INSECTICIDE
10725	MBE		MARQUETTE ARBRES ORNEMENTAUX ET HAIES INSECTICIDE
10726	MBE		MARQUETTE POUDRE A ROSIER INSECTICIDE ET FONGICIDE CONTIENT CARBARYL, MALATHION
10737	MBE		POUDRE INSECTICIDE POUR LE B ETAIL 'X-TERMIN'
10748	FUB		FULLER NEW HOUSE AND GARDEN INSECTICIDE SPRAY
10777	BEM		PARA PIO HUILE CONTRE LES MOUSTIQUES
10781	REC		RECORD'S GREEN WOOD PRESERVATIVE
10790	FUB		FULLER REPEL GEL
10810	PIT		K.F.L. INSECTICIDE SHAMPOO
10811	PIC	LEE	PIC PRESSURIZED SPRAY INSECT REPELLENT
10838	REC		RECORD'S ODORZENE LIQUID INSECTICIDE
10860	HAV	HAW	PARA BOMB M, PARA BOMB M JR. INSECTICIDE PRESSURIZED SPRAY
10862	HAV	HAW	PARA S BOMB INSECTICIDE PRESSURIZED SPRAY
10865	GCP		GREEN CROSS RESIDUAL HOUSEHOLD INSECT SPRAY
10871	MMC		SERGEANT'S CAT FLEA POWDER
10872	MMC		SERGEANT'S SKIP-FLEA SHAMPOO
10873	REC		MILDEW-CHECK
10880	MMC		SERGEANT'S E-Z GROOM FOAM SHAMPOO FOR DOGS AND CATS
10888	CHG		BAYTEX 0.5% READY-TO-USE INSECTICIDE
10890	MMC		SERGEANT'S SKIP-BATH CONTAINS METHOXYCHLOR
10900	CGC		SPECTRACIDE PRESSURIZED INSECT SPRAY
10901	MMC		SERGEANT'S SKIP-FLEA SOAP CONTAINS ROTENONE
10902	MMC		SERGEANT'S SENTRY DOG COLLAR CONTAINS DICHLORVOS
10908	HAV	HAW	PARA-BAN INSECTICIDE SPRAY FOR DOGS AND CATS
10919	MMC		SERGEANT'S CAT FLEA PRESSURIZED SPRAY
10920	MMC		SERGEANT'S FLEA AND TICK SPRAY
10921	GCP		GREEN CROSS DOG AND CAT GRANULAR REPELLENT
10945	REX		MULTI-PURPOSE HOUSE AND GARDEN INSECT KILLER
10946	WIL		WILSON'S ROSE AND FLOWER SPRAY
10963	PIC	LEE	HAWK MOSQUITO COILS
10967	MMC		SERGEANT'S FLEA AND TICK POWDER
10987	ORM		THERADIX SOLUTION KILLS FLEAS AND LICE ON DOGS AND CATS
11004	JOH		OFF INSECT REPELLENT
11040	CHV		ORTHO HOUSEHOLD INSECT SPRAY
11065	AEF		ACTOL HOUSE AND GARDEN INSECTICIDE PRESSURIZED SPRAY
11074	CHA		FIELD BRAND MOSQUITO COILS CONTAINS ALLETHRIN
11105	JOH		RAID MOSQUITO COIL CONTAINS PYRETHRINS
11171	NOX		NOXALL PRESSURIZED CAT AND DOG FLEA SPRAY
11172	NOX		NOXALL DOG FLEA SHAMPOO
11179	VEL		RAMIK PREPARED BAIT FOR RAT AND MOUSE
11183	CHP		CHIPMAN LAWN WEEDKILLER
11193	JOH		RAID MOSQUITO COILS CONTAINS ALLETHRIN
11196	HAC		UNIVERSAL DOG FLEA OFF SOAP
11204	JOH		RAID WASP AND HORNET SPRAY WITH BAYGON
11210	MBE		URINEX REPULSIF GRANULAIRE (REPOUSSE CHIEN ET CHAT)
11219	REC		RECORD'S INSECT REPELLENT
11236	CHV		ORTHO WEED-B-GON JET WEEDER (PRESSURIZED)

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11237	CHV		ORTHO HORNET AND WASP JET SPRAY PRESSURIZED
11238	CHV		ORTHO ANT. ROACH AND SPIDER SPRAY PRESSURIZED
11257	ZOC	ZOD	VAPORETTE FLEA TAG FOR DOGS
11263	ZOC	MCG	STARBAR THERMOSET INSECT STRIP
11277	FAP		HOUSE AND GARDEN INSECTICIDE MAISON ET JARDIN
11283	ZOC	BAI	VAPORETTE THERMOSET INSECT STRIP FOR HOME AND OFFICE
11285	MBE		MUSCATOX INSECTICIDE POUR LA MAISON, CONTIENT DU BAYGON
11294	AEF		SHOPPERS DRUG MART LIFE PERSONAL INSECT REPELLENT SPRAY
11295	AEF		ZELLERS PERSONAL INSECT REPELLENT PRESSURIZED SPRAY
11296	AEF		WOOLCO PERSONAL INSECT REPELLENT PRESSURIZED SPRAY
11303	HAU		HARTZ MOUNTAIN DOG DEFENDER
11311	AEF		SHOPPER DRUG MART LIFE BRAND HOUSE & GARDEN INSECTICIDE
11324	AEF		DURABLE HOUSE & GARDEN INSECTICIDE PRESSURIZED SPRAY
11344	MMC		SERGEANT'S SENTRY FLEA TAG
11346	AMW	AMZ	AMWAY IMPROVED MULTI-PURPOSE BUG SPRAY
11349	KEM		RIDDEX FOG INSECTICIDE SOLUTION
11368	LAL		CEDAR MOTH PROOFER
11379	STM		WOOD PRESERVATIVE GREEN
11383	WIL		WILSON'S SPRAY
11384	WIL		WILSON'S WASP & HORNET SPRAY
11388	MRP		ROYAL PRO-TECH NO. 730M400 PRESERVATIF POUR LE BOIS (CUIVRE)
11393	JON		SCENT-OFF "'RUB STICK"' DOG AND CAT "'TRAINING AID"'
11403	JET	BGM	G-96 BRAND INSECT REPELLENT SPRAY PRESSURIZED
11404	CUT	CUS	CUTTER INSECT REPELLENT PRESSURIZED SPRAY
11405	FMC		PRESSURIZED LIQUID HOUSE PLANT INSECT KILLER
11406	FMC		PRESSURIZED LIQUID MULTI-PURPOSE INSECT KILLER
11417	ZOC	BAI	VAPORETTE 4 MONTH INSECT STRIP
11419	PHY	HUB	VETZYME JDS DOG SHAMPOO
11430	REC		CANADIAN TIRE INSECT REPELLENT
11453	CBE		MASTERCRAFT MOTH BALLS
11454	CBE		CANADIAN TIRE MASTER CRAFT MOTH CRYSTALS
11455	MMC		SERGEANT'S SENTRY IV DOG COLLAR (FOR LARGE DOGS)
11462	ZOC	ZOD	VAPORETTE FLEA TAG FOR CATS
11464	GCP		GREEN CROSS INSECT STRIP
11471	CGC		TAT ANT TRAP
11477	TUC		FLYVAP INSECT KILLER VAPONA STRIP
11481	JOH		RAID ANT & ROACH KILLER
11485	COQ		PULVEX CAT FLEA POWDER
11491	REC		APOLLO 8 MOTH KILLER
11506	HAU		HARTZ MOUNTAIN WONDER DOG COLLAR
11507	HAU		HARTZ MOUNTAIN FLEA TAG FOR CATS
11516	TUC		FLEA-VAP DOG COLLAR
11517	TUC		FLEA-VAP MEDALLION FOR CATS
11537	MMC		SERGEANTS SENTRY CAT FLEA TAG
11538	CGC		CRAWL TOX PRESSURIZED RESIDUAL INSECTICIDE
11541	NOX		NOXALL ANT TRAP WITH KEPONE
11619	LAL		SUPERKIL HOUSE AND GARDEN INSECTICIDE
11620	LAL		PROTECTION INSECT REPELLENT
11634	SHW		KEM WOOD COPPER SEALER - PRESERVATIVE (GREEN) NO. 452

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11682	BEP		ACTOL STAY AWAY PRESSURIZED INSECT REPELLENT
11727	PIC	LEE	PIC MOSQUITO COIL A-50
11766	FMC		PRUNING PAINT SPRAY
11767	GCP		MOUSE TOX
11815	HAC		UNIVERSAL NO MATE SPRAY
11839	BOY		BLACK FLAG FLYING INSECT KILLER
11875	COQ		PULVEX FLEA SOAP
11878	CHV		ORTHO PRUNING PAINT
11920	GCP		KIK INSECT REPELLENT
11921	MMC		SERGEANT'S SENTRY IV CAT COLLAR
12011	PLG		STIM-ROOT ROOTING HORMONE POWDER #1
12012	PLG		STIM-ROOT ROOTING HORMONE POWDER #2
12013	PLG		STIM-ROOT ROOTING HORMONE POWDER #3
12054	HAU		LONGLIFE ALGI STOP
12144	HOS		TREE WOUND DRESSING
12147	WIL		WILSON'S TREE SHRUB WOUND DRESSING
12220	GCP		TANTO INSECT CREAM
12238	REX		REXALL FLYING INSECT KILLER
12346	AMW		QUICK KILL BUG SPRAY
12349	FAV		FAVORITE FLEA SOAP
12350	FAV		FAVORITE REPELLENT FOR CATS
12351	FAV		FAVORITE REPELLENT
12355	FAV		FAVORITE FLEA POWDER FOR CATS
12356	FAV		FAVORITE FLEA POWDER
12357	FAV		FAVORITE FLEA AND TICK SPRAY FOR CATS
12358	FAV		FAVORITE FLEA AND TICK SPRAY FOR DOGS
12359	FAV		FAVORITE FLEA AND TICK SHAMPOO
12397	MMC		SERGEANT'S SKIP FLEA SOAP
12401	NOZ		INSECT REPELLENT LOTION
12402	NOZ		TAN AND GUARD LOTION
12403	NOZ		TAN AND GUARD SPRAY
12460	CBB		CIL DORMANT OIL SPRAY
12476	CHP		CHIPMAN DIAZINON PRESSURIZED SPRAY
12477	HUN		NOCK DOWN INSECTICIDE
12485	CBB		CIL DIAZINON PRESSURIZED SPRAY
12524	MBE		MARQUETTE DIAZINON PRESSURIZED SPRAY
12541	CER		CIL TREE WOUND DRESSING
12591	SHL		PLAQUETTE VAPONA NO-PEST STRIP
12625	CHV		ORTHO ANT-B-GON
12671	CHP		CHIPMAN PRUNING PAINT
12673	CHP		CHIPMANS DETOUR DOG & CAT REPELLENT SPRAY
12685	DEL		DELTA FLEA KILLING COLLAR FOR DOGS
12686	DEL		DELTA FLEA TAG FOR CATS
12782	WIL		WILSON'S PRUNING PAINT PRESSURIZED
12788	INT		CO-OP VA-POR FLY STRIP INSECTICIDE
12811	BOY		BLACK FLAG TRIPLE ACTION BUG KILLER
12856	MBE		MARQUETTE ANT TRAPS
12859	WIL		WILSON'S MULTI-WEEDER SPOT TREATMENT
12874	NOZ		INSECT REPELLENT SPRAY

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
12875	NOZ		TAN AND GUARD SPRAY
12889	DIV		NUMBERS UP PRESSURIZED SPRAY
12926	ZEL		GRANTS FLEA OFF STICK
12928	MBE		INSECTICIDE STRIP (RESIN STRIP)
12945	REC		NERO INSECT REPELLENT
12946	REC		NERO HOUSE AND GARDEN BUG KILLER
12948	CBB		CIL PRUNING PAINT
12955	CHP		INSECT STRIP (RESIN STRIP)
12979	PIC	LEE	PIC INSECT REPELLENT
12983	WAK		WATKINS HOUSE AND GARDEN INSECTICIDE
12987	TOY		LION MOSQUITO COILS
13003	AMC		AMCHEM TREE HOLD
13055	ZOC		V VAPORETTE FLEA AND TICK COLLAR FOR DOGS
13086	SAF		MOXY INSECT KILLER AEROSOL
13130	DAL		FLAIR FLEA TAG FOR DOGS
13155	ZEL		ZELLERS FLEA TAG FOR CATS
13156	ZEL		ZELLERS FLEA COLLAR FOR DOGS
13157	ZEL		ZELLERS FLEA TAG FOR DOGS
13171	CHP		CHIPMAN'S DETOUR DOG AND CAT REPELLENT GRANULAR
13179	WIL		WILSON'S PRESSURIZED HOUSE PLANT INSECT KILLER FOR AFRICAN VOILETS
13183	WIL		WILSON'S PRESSURIZED JET INSECT KILLER
13196	DEL		DELTA FLEA KILLING COLLAR FOR CATS
13197	DEL		DELTA FLEA TAG FOR DOGS
13230	FUB		FULLER INDOOR OUTDOOR INSECTICIDE
13252	JOH		DEEP WOODS FORMULA OFF
13253	JOH		DEEP WOODS FORMULA OFF
13259	CHP		BUZ-OFF REPELLENT LOTION
13266	HAU		HARTZ 2 IN 1 COLLAR FOR CATS
13274	STQ		STANLEY HOME PRODUCTS INSECT REPELLENT
13281	WOO		WOOLCO INSECT REPELLENT
13314	CHP		BUZ-OFF REPELLENT SPRAY
13324	HAC		UNIVERSAL MIRACLE FLEA COLLAR FOR DOGS
13325	HAC		UNIVERSAL MIRACLE FLEA TAG FOR CATS
13326	HAC		UNIVERSAL MIRACLE FLEA TAG FOR DOGS
13327	HAC		UNIVERSAL FLEA-OFF COLLAR FOR CATS
13333	BUX		RAT AND MOUSE CONTROL
13452	CHP		CHIPMAN THERMA FOG INSECTICIDE WITH BAYGON
13457	HAU		HARTZ 2 IN 1 COLLAR FOR DOGS
13458	JOH		JOHNSON'S REPELLENT JACKET
13490	MBE		MARQUETTE THERMA FOG INSECTICIDE AVEC BAYGON
13508	MBE		MARQUETTE HOUSE PLANT AEROSOL INSECTICIDE
13511	CBB		CIL PRESSURIZED HOUSE PLANT SPRAY
13519	CHP		CHIPMAN HOUSE PLANT AEROSOL INSECTICIDE
13552	JOH		RAID INSECT STRIP
13553	JOH		JOHNSON'S RAID INSECT BLOCK
13589	ROA		ROACHMASTER INSECTICIDE POWDER
13607	ZOC	ROD	VAPORETTE FLEA COLLAR FOR CATS
13659	ZOC	ZOD	VET-KEM FLEA TAG FOR DOGS.

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
13660	ZOC	ZOD	VET-KEM FLEA TAG FOR CATS.
13661	ZOC	ZOD	VET-KEM FLEA COLLAR FOR CATS
13662	ZOC	ZOD	VET-KEM FLEA COLLAR FOR DOGS.
13692	WIL		WILSONS HOUSEHOLD INSECT SPRAY
13701	CPV		PROVIMI FLEA POWDER
13716	DIS		DISVAP INSECTICIDE STRIP
13746	MIL		BUG-OFF PRETREATED INSECT REPELLENT CLOTH
13800	BOY		BLACK FLAG 3 SECOND AEROSOL KNOCKDOWN BUG KILLER
13841	RAL		PURINA HOME AND GARDEN AERO SPRAY
13850	YON		ABSORBINE SUPER SHIELD FLY REPELLENT AND INSECTICIDE
13914	STL		GARBAGE GUARD PRESSURIZED SPRAY
13922	FAR	PFE	FARNAM SWAT FLY REPELLENT CREAM
13978	RAW		MR GROOM FLEA AND TICK SHAMPOO
13990	JOH		SOFT TOWELETTE
13991	CHV		ORTHO TOMATO AND VEGETABLE INSECT SPRAY
14013	FOF		FOSSIL FLOWER HOUSEHOLD POWDER ORGANIC BUG KILLER
14014	FOF		FOSSIL FLOWER GARDEN DUST ORGANIC BUG KILLER
14018	ALO		GREEN EARTH INSECT KILLER
14020	GCP		GREEN CROSS CREEPY CRAWLY PRESSURIZED INSECTICIDE
14024	CHV		ORTHO OUTDOOR INSECT FOGGER
14057	WIL		WILSONS 1% DIAZINON LIQUID INSECTICIDE
14059	HAV		HARTZ RID FLEA DOG SHAMPOO
14090	CHV		ORTHO FLOTOX GARDEN SULPHUR
14116	WIL		WILSONS LIQUID ANTEX
14119	DUK		WOODSOL GREEN PRESERVATIVE
14121	DUK		WOODSOL CLEAR PRESERVATIVE
14125	JOH		RAID FLEA AND TICK COLLAR FOR DOGS
14126	JOH		RAID FLEA TAG FOR CATS
14127	JOH		RAID FLEA COLLAR FOR DOGS
14128	JOH		RAID FLEA COLLAR FOR CATS
14129	JOH		RAID FLEA TAG FOR DOGS
14130	JOH		RAID FLEA AND TICK POWDER FOR CATS AND DOGS
14152	GCP		GREEN CROSS MOUSE TOX
14153	RAW		RAWLEIGH INSECT REPELLENT
14191	CHP		CHIPMAN MOUSE HOUSE MOUSE BAIT
14192	MBE		MARQUETTE MOUSE HOUSE MOUSE BAIT
14219	WIL		WILSONS DRIONE CRAWLING INSECT KILLER
14292	STL		6-12 PLUS INSECT REPELLENT STICK
14293	STL		6-12 PLUS INSECT REPELLENT SPRAY
14294	STL		6-12 PLUS INSECT REPELLENT LOTION
14318	GCP		GREEN CROSS TREE WOUND DRESSING
14333	AIG		AIR GUARD INSECT REPELLENT HIGH STRENGTH PRESSURIZED
14334	AIG		AIR GUARD BUSH STRENGTH INSECT REPELLENT
14346	STP		STP INSECT REPELLENT SPRAY
14347	STP		STP HOUSE AND GARDEN BUG KILLER
14348	JOH		JOHNSON TWENTY AND FIVE INSECT REPELLENT
14375	GCP		GREEN CROSS YARD AND PATIO FOGGER
14380	BOY		BLACK FLAG ANT TRAPS WITH BAYGON
14413	CUT	CUS	CUTTER INSECT REPELLENT STICK

## SCHEDULE 4

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14463	GCP		GREEN CROSS HORMONE ROOTING POWDER
14489	MBE		MARQUETTE SOIL AND BULB DUST
14490	CHP		CHIPMAN SOIL AND BULB DUST
14514	JOH		JOHNSON RAID VEGETABLE GARDEN FOGGER
14573	ZOC		VET-KEM FLEA AND TICK POWDER
14574	ZOC		VAPORETTE FLEA AND TICK POWDER
14577	CHP		CHIPMAN KERISPRAY HOUSEPLANT INSECTICIDE NON AEROSOL
14578	MBE		MARQUETTE KERISPRAY HOUSEPLANT INSECTICIDE NON AEROSOL
14604	CHP		CHIPMAN ANT AND CRAWLING INSECT KILLER
14605	CHP		CHIPMAN WASP AND HORNET KILLER
14668	SFR		SAFERS INSECTICIDAL SOAP
14674	PIC		PIC INSECT REPELLENT LOTION
14679	MBY		SERADIX ROOTING POWDER NO 1
14680	MBY		SERADIX ROOTING POWDER NO 2
14681	MBY		SERADIX ROOTING POWDER NO 3
14688	FLF		FLORALIFE HOUSEPLANT INSECT SPRAY
14703	CHP		CHIPMAN LIQUID ANT KILLER
14734	CHP		CHIPMAN KERIROOT ROOTING POWDER
14735	MBE		MARQUETTE KERIROOT ROOTING POWDER
14749	MBE		MARQUETTE KERIDUST HOUSEHOLD AND HOUSEPLANT INSECT KILLER DUST
14762	MBE		MARQUETTE INSECTEX INSECTICIDE DUST
14794	GCP		GREEN CROSS TOMATO SET
14811	AMW	AMZ	AMWAY D-15 INSECT REPELLENT TOWELETTE
14837	MBE		MARQUETTE LIQUID ANT KILLER
14848	FAR	PFE	COUNTRY DOG FLEA AND TICK SPRAY
14890	STP		STP ANT AND ROACH KILLER
14891	WOB		MOTHKILLER MOTH BALLS
14928	MMC		SERGEANT'S FLEA AND TICK COLLAR FOR DOGS
14929	MMC		SERGEANT'S FLEA AND TICK COLLAR FOR CATS
14950	CHP		BRACO TREE DRESSING ASPHALT EMULSION
14951	MBE		BRACO TREE DRESSING
15137	PRE		INSECTICIDE MTC 09-2-4-1
15138	PRE		INSECT REPELLANT SPRAY
15141	FAR	PFE	COUNTRY DOG FLEA AND TICK SHAMPOO
15253	WIL		WILSONS POTTED PLANT SOIL INSECTICIDE
15337	JOH		RAID HOUSE AND GARDEN PRESSURIZED SPRAY
15351	REC		RECORD 100 INSECT REPELLENT
15411	JOH		RAID FLYING INSECT KILLER PRESSURIZED
15417	JOH		RAID ROSE AND FLOWER PRESSURIZED SPRAY
15433	JBL		BF-100 BLACK FLY REPELLENT
15553	BRS		BRECK'S OLE TIME WOODSMAN'S SOLUTION
15568	SAF		SANEX VAPO INSECT STRIP
15569	HAU		HARTZ DOG FLEA SOAP
15576	HAU		HARTZ DOG FLEA AND TICK SPRAY
15577	HAU		HARTZ CAT FLEA AND TICK SPRAY
15578	HAU		HARTZ RID FLEA DOG SHAMPOO
15579	HAU		HARTZ LUSTER BATH FOR DOGS
15580	HAU		HARTZ LUSTER BATH FOR CATS
15656	HAU		HARTZ BIRD PROTECTOR
15693	BOY		BLACK FLAG TRIPLE ACTION BUG KILLER
15694	CGC		SOREXA SUPER MOUSE BAIT READY TO USE IMPREGNATED CANARY SEED
15711	SAF		MOXY PLUS INSECT KILLER PRESSURIZED
15713	SAF		D-PEST INSECT KILLER PRESSURIZED
15740	BOY		BLACK FLAG HOUSE AND GARDEN BUG KILLER
15757	JOH		RAID MOTH PROOFER PRESSURIZED
15766	STQ		STANLEY HOUSE AND GARDEN SPRAY
15875	FUB		FULLER DOMESTIC HOUSE AND GARDEN FORMULA INDOOR OUTDOOR
15892	WIL		WILSONS POTTED PLANT INSECT SPRAY
15899	FOF		FOSSIL FLOWER NATURAL BUG KILLER FOR VEGETABLES
15929	VIK		N'ITCH INSECT REPELLENT
15996	HET		DART MOSQUITO COILS
16007	ZOE	ZOD	VAPORETTE FLYING INSECT KILLER

## SCHEDULE 5

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
03015	CHP		CHIPMAN 15% PARATHION WETTABLE POWDER INSECTICIDE
03379	BAT		BARTLETT PARATHION 15% W.P.
03891	PLG		PLANTFUME 103 SMOKE GENERATOR
05710	CHG	CHH	SYSTOX SPRAY CONCENTRATE SYSTEMIC INSECTICIDE
06719	CHG	CHH	GUTHION 25% WETTABLE POWDER CROP INSECTICIDE
06789	SHL		PHOSDRIN LIQUID INSECTICIDE
07000	PFF		CALSA PHOSDRIN INSECTICIDE - LIQUID
07409	CHP		PHOSDRIN INSECTICIDE, CONTAINS MEVINPHOS
07601	BAT		BARTLETT PHOSDRIN INSECTICIDE
07946	FMC		PHOSDRIN INSECTICIDE
08050	PHL		PHOSTOXIN COATED TABLETS
08106	CHG	CHH	GUTHION SPRAY CONCENTRATE
08740	CHG	CHH	DI-SYSTON LIQUID CONCENTRATE SYSTEMIC INSECTICIDE CONTAINS DISULFOTON
08779	PLG		PLANTFUME PARATHION SMOKE FUMIGATORS
09275	CHG	CHH	DASANIT SPRAY CONCENTRATE INSECTICIDE - NEMATOCIDE
09276	PHL		PHOSTOXIN (COATED PELLETS)
09519	CHG	CHH	DI-SYSTON 15% GRANULAR SYSTEMIC INSECTICIDE
09913	BAD	LEI	PARATHION EMULSIFIABLE LIQUID INSECTICIDE
10011	SHL		BIRLANE INSECTICIDE 25% WETTABLE POWDER
10101	CHG	CHH	GUTHION 50% WETTABLE POWDER INSECTICIDE CONTAINS AZINPHOS-METHYL
10363	FMC		FURADAN 4.8 FLOWABLE INSECTICIDE LIQUID CONCENTRATE
10392	CHG	CHH	SYSTOX-6 LIQUID CONCENTRATE SYSTEMIC INSECTICIDE CONTAINS DEMETON
10507	CHV		ORTHO PHOSPHAMIDON 9.6 SPRAY INSECTICIDE
10741	SHL		BIRLANE 40 EMULSIBLE CONCENTRATE INSECTICIDE
10828	CHG	CHH	FURADAN 4.8 FLOWABLE SYSTEMIC INSECTICIDE
10868	DUQ		DU PONT LANNATE
11144	NAP		CARZOL SP MITICIDE
11212	FMC		GUTHION 50-W AZINPHOS-METHYL INSECTICIDE WETTABLE POWDER
11334	PHL		PHOSTOXIN (COATED TABLETS) FOR GROUND HOG CONTROL
11536	CHG	CHH	METACIL O.S.C.
12287	CHG	CHH	MONITOR 4.8
12347	UAJ		TEMIK 10G CONTAINS ALDICARB
12434	CHV		ORTHO MONITOR INSECTICIDE
13334	STF		DYFONATE 20 G SOIL INSECTICIDE
13336	CGA		SUPRACIDE 25 EC INSECTICIDE
13736	KEM		DETIA GAS EX B
13956	PFF		PFIZER PARATHION 9.6 E LIQUID INSECTICIDE
14086	CHG	CHH	MATACIL 1.8 OSC
14731	NIA		NIAGARA AQUA PARATHION EC INSECTICIDE
14777	NIA		NIAGARA PARATHION 15 WP
14952	PFF		PFIZER PARATHION 15 WP
15204	RPC	KEM	DETIA PELLETS FOR THE CONTROL OF STORED-PRODUCT INSECT PESTS
15205	RPC	KEM	DETIA TABLETS FOR THE CONTROL OF STORED-PRODUCT INSECT PESTS
15268	CYC		COUNTER 15G SOIL INSECTICIDE
15735	ABE		DEGESCH PHOSTOXIN COATED PELLETS
15736	ABE		DEGESCH PHOSTOXIN COATED TABLETS
16412	CHP		CHIPMAN AZINPHOS-METHYL 50 WP

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
00646	RAW		RAWLEIGH INSECT DUST
00780	GAP		GARDO NO. 151 LOUSE POWDER CONTAINS ROTENONE
00825	MAR		MANCHESTER STAINLESS LIVESTOCK SPRAY
00840	WEP		VAPOSECTOR LIQUID INSECTICIDE
00873	BAT		BARTLETT MICROSCOPIC WETTABLE SULPHUR
00891	BAT		BARTLETT MICROSCOPIC DUSTING SULPHUR 95-5
00977	NUA		NULIFE GETS-OL CAT FLEA POWDER
01012	JIT		JITOMITE CRYSTALS PARADICHLOROBENZENE
01079	EAN		MOTH CRYSTALS PARADICHLOROBENZENE
01087	FLR		FLORICIDE
01147	WOB		WOODS NO. 1058 SUPERSECT - SPACE AND CONTACT INSECTICIDE
01197	SIR		INSECTICIDE POUR BETAIL
01268	SAF		HIGH TEST INSECT SPRAY
01404	CHP		CHIPMAN LOUSE POWDER ROTENONE INSECTICIDE
01524	SIR		DRIOMITE (PARADICHLOROBENZENE) CRYSTALS
01683	GCP		GREEN CROSS LIVESTOCK LOUSE POWDER
01935	NUA		NULIFE GETS-01 DOG FLEA POWDER
01982	AER		BUG-BLITZER AEROSOL INSECTICIDE
01988	WHL		WHITOLINEUM COMMERCIAL GRADE CARBOLINEUM
02039	SAF		FLEA-X CAT AND DOG INSECTICIDE SHAMPOO
02076	SHL		AGRICULTURAL WEEDKILLER NO. 1
02286	SHL		NEUTROL EMULSIBLE DORMANT SPRAY OIL
02336	CHP		CHIPMAN WARBLE WASH POWDER INSECTICIDE WITH ROTENONE
02800	BAI		COMMANDO AEROSOL INSECTICIDE
02806	DIV		DIVERSIDE K-INSECTICIDE
02887	CBG		MIX-ODOR PARADICHLOROBENZENE
02900	CBL		CARDICIDE INSECTICIDE A SPACE AND CONTACT SPRAY
03141	CHP		ATLOX VEGETABLE DUST ROTENONE INSECTICIDE
03189	BAI		SUPER MICROSOL INSECTICIDE
03416	IMP		ESSO WEED KILLER 350
03430	GCP		GREEN CROSS DERITOX GARDEN GUARD REFILL
03555	KIN		KING 1% ROTENONE DUST INSECTICIDE
03600	KEM		RIDDEX SPECIAL STRENGTH INSECTICIDE
03639	TUC		WARFARIN BAIT PAKS (MEAL OR PELLETS)
03661	IDA		TUE-MITE NEO ANTI-MITE MOTH KILLER
03693	TUC		STOCK SPRAY-READY TO USE
03740	KEM		DED-RAT PREPARED RODENTICIDE (CONTAINING WARFARIN)
03788	PIE		PIED PIPER RAT AND MOUSE KILLER
03836	WOB		WOODS MICROSECT
03837	MAR		READY MIX WARFARIN RAT & MOUSE KILLER
03881	BRG		READY TO USE WARFARIN BAIT
03918	CHP		CHIPMAN MICROFINE SULPHUR 92 FUNGICIDE
03925	AIR		AIR-WAY MOTH CONTROL (PARADICHLOROBENZENE)
03929	KEM		RIDDEX FIFTY INSECTICIDE
04030	RAL		PURINA POULTRY INSECTICIDE ROOST PAINT
04090	ESC		LEVILITE PIPERONYL BUTOXIDE-PYRETHRIN INSECTICIDE
04103	LAT		LATER'S 1% ROTENONE DUST INSECTICIDE
04111	KEM		RIDDEX EIGHTY CONCENTRATED INSECTICIDE
04119	HAF		DETH RAT-MOUSE EXTERMINATOR

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
04146	HAF		DETH ANIMAL & PLANT INSECT POWDER
04152	CHP		CHIPMAN DAIRY, MILL AND LIVESTOCK SPRAY INSECTICIDE
04305	SAF		RODENTKIL WARFARIN BAIT
04316	REX		REXALL MOTH PROOFER PRESSURIZED SPRAY
04339	WEP		RATMORT WITH PROLIN NEW IMPROVED RAT AND MOUSE KILLER
04353	VIT	VIR	LETHALAIRE V-21 AN AEROSOL INSECTICIDE
04607	ALS		ACS RAT AND MOUSE KILLER CONTAINS WARFARIN
04627	INT		CO-OP FARM BUILDING OIL SPRAY
04775	RAW		RAWLEIGH AEROSOL HOUSEHOLD INSECTICIDE
04784	WIP		WIPP INDUSTRIAL STRENGTH AEROSOL BOMB
04802	SAQ		INSECTICIDE MIRO PYRENONE
04991	GAH	BAU	"ARNOLD" SULPH-O-SPRAY
05001	GAH	BAU	"ARNOLD" P-R (PYRETHRUM-ROTENONE)
05140	INT		CO-OP GARDEN INSECT DUST CONTAINS ROTENONE
05293	LAT		LATER'S GARDEN SULPHUR - FUNGICIDE
05385	REL		REL-EX RAT DESTROYER
05386	HIL		HILO DRY BATH PRESSURIZED SPRAY FOR DOGS
05434	HIL		HILO FLEA & FUNGUS POWDER
05436	HIL		HILO DIP WITH ROTENONE, CONCENTRATED RINSE FOR DOGS
05437	KIN		KING 4% MALATHION DUST INSECTICIDE
05458	GEK		BRANTFORD FLY BOMB
05468	HIL		HILO FLEA TICK AND INSECT SPRAY PRESSURIZED
05499	LAT		LATER'S 5% CAPTAN FUNGICIDE DUST
05565	OSD		PENTOX PRIMER SEALER WOOD PRESERVATIVE DARK GREEN
05643	LOR		RODENEX RAT KILLER CONTAINS WARFARIN
05663	INT		CO-OP LOUSE POWDER CONTAINS ROTENONE INSECTICIDE
05780	INT		CO-OP FLOWER AND GARDEN FUNGICIDE INSECTICIDE
05810	LOR		SPRANOX INSECTICIDE POUR MAISON AND JARDIN (HOUSE AND GARDEN INSECTICIDE)
05834	KIN		KING INSECT REPELLENT BOMB
05847	LOR		SPRANOX-INSECTICIDE DOMESTIQUE
05923	TUC		PRES STOK FLY KILLER FOR HORSES AND LIVESTOCK - READY TO SPRAY
06063	LAT		LATER'S WARBLE FLY WASH
06086	PAU		PAULA INSECT KILLER BOMB
06109	ABE		WACO 50-7 INDUSTRIAL INSECTICIDE
06126	KEM		RIDDEX INSECTICIDE, CONTAINING SULFOXIDE AND PYRETHRINS
06159	VIT	VIR	LETHALAIRE V-23 HI-PRESSURE AEROSOL INSECT KILLER
06213	MEX		METEORICIDE PARADICHLOROBENZENE CRYSTALS
06236	SAR		SARM RAT AND HOUSE BAIT CONTAINS WARFARIN
06325	LAT		LATER'S DORMANT OIL SPRAY
06371	INS		BAR-ROT WOOD PRESERVATIVE
06412	STO		REPEX INSECT REPELLENT -LOTION
06414	STO		REPEX INSECT REPELLENT -PRESSURIZED
06465	TUC		GRAIN GUARD POWDER CONTAINS MALATHION
06496	NOX		NOXALL FLEA-NEK-TYE WITH LINDANE FOR DOGS AND CATS
06525	RAW		RAWLEIGH RAT AND MOUSE KILLER
06551	TUC		COWPEST LOUSE POWDER CONTAINS ROTENONE
06581	TUC		KRUMKIL PREPARED MOUSE BAIT CONTAINS FUMARIN

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
06675	CHR		K-M INSECTICIDE SPACE AND CONTACT SPRAY
06701	BRJ		LA SALLE POISON A RATS ET SOURIS
06824	BCC		RAT BAIT CONTAINS WARFARIN AND SULFAQUINOXALINE
06826	AVM		MOTH KILLER AND DEODORANT PARADICHLOROBENZENE
06840	CHP		CHIPMAN GRAIN PROTECTANT MALATHION INSECTICIDE DUST
06858	WAK	WAL	WATKINS DEODORANT MOTH BLOCKS
06907	SVC		MERCURY KILLROT B GREEN WOOD PRESERVATIVE
06909	SVC		MERCURY KILLROT E-B CLEAR WOOD PRESERVATIVE
06915	BIE		BIKOE WARFARIN RAT AND MOUSE KILLER
06918	LAT		LATER'S MOSS KILLER
06942	BAP		35-416 GREEN BAPCO CUPRICIDE LIQUID PRESERVATIVE
06957	ABL		ATOMIC READY MIXED WARFARIN RAT AND MOUSE BAIT
06959	PHP		PRESERVA-PRIMER COPPER NAPHTHANATE WOOD PRESERVATIVE
06960	ALM		TOXALL PRESERVATIVE SOLUTION
06975	INT		CO-OP 4% MALATHION DUST
06981	PEC		VITOX PRESERVATIVE (GREEN)
06983	PEC		VITOX PRESERVATIVE (COLOURLESS) CONTAINS ZINC NAPHTHENATE
06986	MOB		PENTANOL DARK GREEN FUNGICIDE
07035	HOL		HOLCOMB INSEKON SPACE AND CONTACT AEROSOL SPRAY
07127	HOS		1-30 TOXO A FOR WOOD, A COPPER NAPHTHENATE PRESERVATIVE
07146	WOB		INSECT KILLER, METHOXYCHLOR, PYRETHRINS AND PIPERONYL BUTOXIDE - PRESSURIZED SPRAY
07171	INT		ROTENONE INSECTICIDE DUST
07172	SAF		FOOD PROCESSORS SPRAY (10-1)
07222	WIL		WILSON'S WARFARIN RAT AND MOUSE KILLER
07226	STM		ZINTEX PRESERVATIVE SOLUTION
07228	STM		COPPERTEX PRESERVATIVE SOLUTION
07260	ALM		TOXALL CLEAR PRESERVATIVE SOLUTION
07317	FLR		FLOREX VAPORISOR
07360	GAP		GARDO NO.24 WARFARIN PREPARED BAIT
07549	VIT	VIR	LETHALAIRE V-24 AEROSOL INSECTICIDE
07593	AVM		AVMOR COMMAND HOUSE AND GARDEN SPACE AND CONTACT SPRAY
07613	SHW		KEM WOOD COPPER SEALER-PRESERVATIVE (GREEN) NO. 452
07635	BAP		36-105 CLEAR LIQUID WOOD PRESERVATIVE
07638	GRI		APPAT A RAT CONTINENT WARFARIN
07648	RAL		PURINA RAT KILL
07652	GCP		GREEN CROSS BUG KILLER 5% SEVIN (CARBARYL) DUST INSECTICIDE
07668	ROR		ROZ-TOX WP-1 GREEN WOOD PRESERVATIVE
07670	ROR		ROZ-TOX WP-2 CLEAR WOOD PRESERVATIVE
07681	ALT		AL-SI CRISTAUX PARADICHLOROBENZENE
07694	WHL		WHITMOYER PROLIN RAT AND MOUSE BAIT
07708	ENI		ENSIGN 320 WOOD PRESERVER (GREEN)
07710	ENI		ENSIGN 320 WOOD PRESERVER (CLEAR) CONTAINING ZINC
07716	SAQ		MIRO PYRENONE (HOUSE AND GARDEN) INSECTICIDE
07720	CBE		MASTERCRAFT GREEN WOOD ,ROPE AND FABRIC PRESERVATIVE
07722	SIR		EXTERMINATEUR DE RATS ET SOURIS - WARFARIN
07751	SAQ		MIROZONE-MOTH CRYSTALS-INSECTICIDE
07754	INT		CO-OP ROSE DUST OR SPRAY INSECTICIDE FUNGICIDE
07766	INT		CO-OP BARN SPRAY RONNEL

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
07768	INT		CO-OP BARN SPRAY AND BACKRUBBER CONCENTRATE
07806	ALT		AEROSOL INSECTICIDE FOR HOME AND GARDEN
07857	ABE		WACO DIA-ONE-INSECTICIDE SPRAY CONTAINING DIAZINON
07902	CBL		CARDEL SPECIAL STOCK AND DAIRY SPRAY
07947	ABE		WACO MAL - THANE FOGGING OIL
07951	BLB		AVENARIUS CARBOLINEUM
07958	DOW		KORLAN INSECTICIDE BACKRUBBER OIL
08036	CBA		COPPER NAPHTHENATE - WOOD PRESERVATIVE
08079	WAK	WAL	WATKINS INSECT REPELLENT
08087	FRD		LOUSE GRUB KILLER
08089	FRC	FRD	LIVESTOCK INSECTICIDE BOMB
08124	WEP		FLYBANE - AEROSOL INSECTICIDE
08155	KEM		RIDDEX SUPER CONCENTRATED INSECTICIDE
08198	CAO		BULLDOG GRIP GREEN WOOD PRESERVATIVE
08214	CBL		CARMILL NEW FORMULA - A SPACE AND CONTACT - INSECTICIDE
08219	GAP		GARDO NO.30 PRESSURIZED FACE FLY SPRAY
08226	VAR		CYPRO MILL SPRAY - DOUBLE STRENGTH
08232	CBM	DIV	CARBOLA WHITE DISINFECTANT AND INSECTICIDE WETTABLE POWDER CONTAINS RONNEL
08243	STF		MAGNETIC 6 FLOWABLE SULFUR FUNGICIDE
08308	FAP		REPEL SPRAY-ANTIMOUSTIQUE
08314	RAL		PURINA POULTRY DUSTING POWDER
08338	CAT		RESIDU-ALL INSECTICIDE
08347	GEK		BRANTFORD FLY SPRAY
08426	MIJ		MID-WEST AEROSOL INSECTICIDE SPRAY
08464	SAN		SANFAX 489 M READY TO USE RAT KILLER
08483	RAL		PURINA WOUND PROTECTOR - LIVESTOCK BOMB INSECTICIDE
08484	SCO		MORT-AUX-RATS, CONTENANT WARFARIN
08515	INT		CO-OP LIVESTOCK SPRAY WITH RONNEL
08571	NAC		NATIONAL CHEMSEARCH AEROSOL CONCENTRATE INSECTICIDE
08578	WAK	WAL	WATKINS QUALITY INSECTICIDAL BACKRUBBER OIL
08586	AMW	AMZ	AMWAY BUG PRESSURIZED SPRAY
08590	SHL		NEUTROL EMULSIBLE SUPERIOR SPRAY OIL
08639	ELS		INDUSTRIAL AEROSOL INSECTICIDE
08653	NAC		CHEMSEARCH CHEM-FOG CONCENTRATE INSECTICIDE
08668	PFC		FINA WEED KILLER HERBICIDE 197
08676	WIL		WILSON'S PROLIN RAT AND MOUSE KILLER PELLETS
08678	WIL		WILSON'S PROLIN RAT AND MOUSE KILLER - BACON AND CHEESE FLAV'D
08679	GCP	GCP	GREEN CROSS TANTOO LIQUID INSECT REPELLENT
08685	NAC		NATIONAL CHEMSEARCH PYRA FOG 100 INSECT SPRAY
08695	WHA		WHEAT-BELT "PURE MIX" RONNEL INSECTICIDE & MINERAL OIL FOR CATTLE BACKRUBBERS AND SCRATCH
08702	LAT		LATER'S BACK RUBBER OIL WITH RONNEL
08713	CBA		ZINC NAPHTHENATE WOOD PRESERVATIVE
08718	POP		POULIN'S PROLIN RAT POISON (READY MIX)
08744	WAK	WAL	WATKINS RAT AND MOUSE KILLER BAIT STATION
08765	NAC		ELDRIN INSECTICIDE
08785	KVL		RAT RID RAT BAIT
08809	LAT		LATER'S SPRA-BRITE, CONTAINS RONNEL FOR INSECT CONTROL

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
08812	JOH		JOHNSON'S RAID SPACE AND CONTACT INSECT SPRAY
08820	PRP		PRES-SURE INSECT REPELLENT AEROSOL SPRAY
08823	LAT		LATER'S PROLIN MOUSE AND RAT KILLER
08825	GAP		GARDO NO. 24-P PROLIN PELLETS READY TO USE RODENTICIDE CONTAINS WARFARIN AND SULFAQUINOXALINE
08832	MOR		ODORAL-PARADICHLOROBENZENE-MOTH KILLER AND DEODORIZER
08836	PRP		PRES-SURE ANT AND ROACH RESIDUAL SPRAY
08839	ABE		WACO RATKILL, POISON BAIT FOR RATS AND MICE
08907	COY		MORT-AUX-RATS ET SOURIS "UNIQUE"
08915	PLA	GIE	BEEF-EEZ FORMULA #3 KORLAN BACKRUBBER OIL INSECTICIDE CONTAINS RONNEL
08921	GAP		GARDO NO.35 BARN & LIVESTOCK SPRAY RESIDUAL INSECTICIDE SPRAY
08926	SAM		LAURENTIDE CRISTAUX A MITES
09060	PRP		PRES-SURE HOUSE & GARDEN INSECTICIDE AEROSOL SPRAY
09081	CHP		SEVIN 5% DUST GENERAL PURPOSE INSECTICIDE
09083	KVL		K-VET SEVIN POULTRY AND LIVESTOCK INSECT DUST
09109	DOW		KORLAN INSECTICIDE LIVESTOCK DUST CONTAINING RONNEL
09144	LAT		LATER'S PYRETHRIN DUST
09164	GAP		GARDO FLEA & ITCH POWDER FOR DOGS CONTAINS PYRETHRINS PIPERONYL BUTOXIDE ROTENONE, AND DICHLOR
09166	GAP		GARDO CAT FLEA POWDER, CONTAINS PYRETHRINS, PIPERONYL BUTOXIDE AND ROTENONE
09179	CHP		CHIPMAN DORMANT OIL SPRAY
09194	MEN		CRISTAUX DE PARADICHLOROBENZENE 99% ANTIMITES
09222	MBE		POISON A RATS ET A SOURIS
09230	SAF		PYRONIDE 5 SPACE AND CONTACT INSECTICIDE
09328	LAT		LATER'S INDOOR INSECT PLANT BOMB
09352	COQ		COOPERMATIC FLY KILLER
09360	NEO	PSA	DIPHACIN (READY MIX) RAT AND MOUSE KILLER BAIT
09369	BIE		BIKOE HI-GRADE FLY SPRAY CONTAINS PYRETHRINS AND PIPERONYL BUTOXIDE
09371	ABE		WACO PYRENONE SPRAY 5-25
09374	HEG		HERITAGE ROACH SPRAY
09376	HEG		HERITAGE CONTACT INSECT SPRAY
09383	SAN		SANFAX ROACH 'N ANT KILLER LIQUID
09385	FMC		REDI-NIPS (A PREPARED PROLIN BAIT) KILLS RATS - MICE
09413	GAP		GARDO NO. 24M PROLIN MEAL CONTAINS WARFARIN AND SULTAQUINOXALINE
09460	BRG		ROT COP WOOD PRESERVATIVE
09481	SAA		WONDER SPRAY MALATHION SOLUTION RESIDUAL INSECTICIDE
09488	FRC	FRD	CINCH FLY BOMB FOR HORSES
09520	DIT		DIAZINON 2D - 2% DUST FOR COCKROACH CONTROL
09542	BAT		BARTLETT SUPERIOR 70 OIL EMULSIFIABLE INSECTICIDE
09607	CHP		CHIPMAN SELF-EMULSIFYING SUPERIOR SPRAY OIL 70
09612	PEB		CHEMITEK C.B. COPPER BASE PRESERVATIVE
09633	PAU		PAULA 410 LIQUID INSECT REPELLENT
09648	FAP		FAMILEX AEROSOL HOUSE AND GARDEN INSECTICIDE
09654	CAT		KILLERSECT SPACE AND CONTACT INSECTICIDE
09681	CER		CERTIFIED LABORATORIES CERTI-FOG INSECTICIDE SOLUTION

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
09686	TRD		TROJAN CHEMICALS TRL 11
09711	COI		AEROSOL INSECT KILLER SPACE AND CONTACT SPRAY
09752	MTC		CANOLINE FLEA AND LOUSE PREPARATION
09758	TEX		TEXACO HOUSE AND GARDEN INSECTICIDE
09764	LEW		OAK LAKE CATTLE BACKRUBBER LIQUID CONCENTRATE
09769	TAI		CUPROTECT CLEAR WATER REPELLENT WOOD PRESERVATIVE
09770	TAI		CUPROTECT GREEN WATER REPELLENT WOOD PRESERVATIVE
09783	COS		LIQUID ROACH SPRAY
09799	CAV		EXTERMO JET AEROSOL
09812	SAN		SUPER SANFAX INSECTICIDE CONCENTRATE
09815	WAK		WATKINS PRESSURIZED SPRAY FOR HOUSE AND GARDEN
09819	DEA		DEANCO TIMBERGARD CLEAR, WOOD PRESERVATIVE
09820	DEA		DEANCO TIMBERGARD GREEN WOOD PRESERVATIVE
09822	SAK		PURGE FLYING INSECT KILLER
09836	ABE		TOSSIT MOSQUITO LARVICIDE CAPSULES
09850	MCX		MCEWEN'S LICE KILLER
09857	STD		STAN-CHEM POTATO-GARD LIQUID DISINFECTANT
09868	ALT		INSECT REPELLENT SPRAY
09890	REC		RECORD LIVESTOCK INSECTICIDE SPRAY
09915	KAL	TAC	KALIUM EXTRA-TAIL REPELLENT SPRAY FOR HORSES
09928	CAT		MONMAR SUPER CONCENTRATED KLUNK AEROSOL INSECT KILLER
09929	SAM		LAUREN-SECT LIQUIDE REPULSIF D'INSECTE
09936	HOL		HOLCOMB INSERID - 100 RESIDUAL INSECTICIDE CONTAINS PYRETHRINS, PIPERONYL BUTOXIDE
09937	HOL		HOLCOMB INSEKON - 100 SPACE AND CONTACT SPRAY INSECTICIDE
09941	MOP		FLEAPET SHAMPOO DETERGENT FOR DOGS CONTAINS LINDANE, PYRETHRINS AND PIPERONYL BUTOXIDE
09947	SAF		DYNA-FOG M-L LIQUID INSECTICIDE SOLUTION
09962	MOP		MALAPET FLEA POWDER CONTAINING PERFUMED MALATHION
09979	GCP		GREEN CROSS ANT, ROACH AND SPIDER BLASTER
09999	NIM		NIP-CO BAYGON ANT/ROACH NIP INSECTICIDE SPRAY
10029	PIC	COI	INSIDE OUTSIDE PRESSURIZED BUG KILLER
10043	COQ		COOPER DRI KIL
10048	COQ		COOPER WIPE-ON INSECTICIDE SOLUTION
10074	REC		RECORD'S SPICULE FORMULA 2H LIQUID SPRAY
10075	REC		RECORD'S PYLORUS FORMULA 4J LIQUID INSECT SPRAY
10076	REC		RECORD'S CONSPIRATOR FORMULA M LIQUID INSECT SPRAY
10078	NAC		SQUAD AEROSOL INSECTICIDE
10079	ABE		WACO ALL-WEATHER BAIT BLOCKS RODENTICIDE
10080	NIM		NIP-CO ROSE AND FLOWER BOMB. INSECTICIDE-MITICIDE
10081	NIM		BUG-NIP PRESSURIZED HOUSE AND GARDEN BUG KILLER
10082	NIM		NIP-CO LIVESTOCK INSECTICIDE BOMB-BUG KILLER AND REPELLENT
10089	WHM	SEP	WHITMIRE'S FLYS-OFF AEROSOL DAIRY INSECTICIDE
10120	SAF		PYRONIDE 33 SPACE AND CONTACT SPRAY INSECTICIDE
10122	LAT		LATER'S HOUSE AND GARDEN INSECT BOMB
10124	LAT		LATER'S LOUSE POWDER
10125	INP		INTERTOX - ANTI ROT SOLUTION GREEN FOR WOOD
10126	INP		INTERTOX - ANTI ROT SOLUTION - CLEAR FOR WOOD
10127	ABE		WACO SEWER-RAT BAIT BLOCKS RODENTICIDE

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10136	REC		RECORD'S AVENGER FORMULA 4 K LIQUID INSECT SPRAY
10151	NIM		NIP-CO HAB-IT-NIP, DOG AND CAT REPELLENT SPRAY
10155	MED	BEL	DOG SHIELD REPELLENT SPRAY FOR PERSONAL PROTECTION FROM DOG ATTACK
10164	CBL		CARDEL MALATHION 2% BACK-RUBBER INSECTICIDE SOLUTION
10165	SAF		1% DIAZINON INSECTICIDE SOLUTION
10168	SHL		SHELL SUPREME 70 SUMMER SPRAY OIL INSECTICIDE
10180	FRC	FRD	CINCH WIPE ON FLY REPELLENT FOR HORSES
10181	SAF		SANEX PRO INDUSTRIAL AEROSOL
10182	LAT		LATER'S LIVESTOCK SPRAY CONTAINS PYRETHRINS, PIPERONYL BUTOXIDE AND RONNEL
10195	FRC	FRD	GAYPET FLEA-TICK POWDER FOR DOGS AND CATS
10196	FRD		GAY PET FLEA TICK KILLER FOR DOGS AND CATS
10214	FMC		DRIONE ANT ROACH DESTROYER POWDER
10218	TRO		TROJAN CHEMICALS FOG-SECT
10219	TRO		TROJAN CHEMICALS SECT-O-BAN
10222	RAM	BYS	RAMEX RAT AND MOUSE EXTERMINATOR
10229	REC		RECORD'S LIQUID INSECT SPRAY FORMULA 4E
10238	GCP		GREEN CROSS JET SPRAY HORNET AND WASP BLASTER
10250	CBR	MCM	CARMEL FORMULA F-3 INSECTICIDE FOGGING SOLUTION
10251	CBR	MCM	CARMEL FOOD PLANT INSECTICIDE FORMULA F-5
10252	CBR	MCM	CARMEL FORMULA F-9 AN INSECTICIDE FOGGING SOLUTION
10254	SAN		SANFAX PERMA-KILL LIQUID INSECTICIDE
10255	SAN		SANFAX PERMA-KILL AEROSOL INSECTICIDE
10259	TIM		TIME-MIST INSECTICIDE AEROSOL
10268	IMP		FLIT MLO MOSQUITO LARVICIDE OIL
10270	FRC	FRD	GAYPET DOG SHAMPOO
10271	EAT	PSA	BAKER'S ALL-WEATHER BAIT BLOCKS
10273	FRC	FRD	GAY PET DRY BATH FOAM FOR DOGS
10281	FAR	MCC	REPEL-X FLY SPRAY EMULSIFIABLE CONCENTRATE
10284	FAR	MCC	TOP-GLOSS PRESSURIZED SPRAY COAT DRESSING, CONDITIONER AND ILY REPELLENT
10300	REC		RECORD'S LIQUID INSECT SPRAY FORMULA 4F
10312	VIN		VIOBIN ROTEKIL ANIMAL LOUSE POWDER CONTAINS ROTENONE
10315	SAN		SANFAX SUPER-FOG LIQUID INSECTICIDE
10318	COP		FEDEREE PRESERVATIF POUR BOIS, VERT G - 17 2% CUIVRE
10321	LAV		LAURENTIDE PRESERVATIF POUR BOIS, VERT G-17
10323	KEM		RIDDEX SUPREME INSECTICIDE SOLUTION
10328	ANI	FIT	HALT DOG REPELLENT SPRAY
10343	CUT	CUS	CUTTER INSECT REPELLENT FOAM
10345	SAN		SUPER SANFAX INSECTICIDE CONCENTRATED AEROSOL
10372	FAR	MCC	FARNAM FLYS-AWAY FLY REPELLENT PRESSURIZED SPRAY
10373	FAR	MCC	FARNAM FLYS-AWAY ANIMAL FLY REPELLENT WIPES
10375	FAR	MCC	WIPE WIPE-ON FLY REPELLENT LIQUID
10378	LEO		TROPI-GUARD AEROSOL
			INSECTICIDES
10381	SHL		SHELL SUPERIOR 70 SECOND ORCHARD SPRAY OIL EMULSIBLE INSECTICIDE
10383	CBR	SAF	CARMEL FORMULA F2 FOGGING SOLUTION

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10384	CBR	MCM	CARMEL FORMULA F-4 INSECTICIDE FOGGING SOLUTION
10389	DIT		PYRATEx 101E MILL SPRAY CONCENTRATE, EMULSIFIABLE LIQUID INSECTICIDE CONTAINS PIPERONYL
10409	FAR	MCC	FARNAM FLYS-AWAY FLY REPELLENT STICK
10425	JIT		JITO REPEL-N ANTIMOUSTIQUE AEROSOL
10440	PWO		PES-SAN RAT AND MOUSE DESTROYER
10443	PLG		PLANTCO DORMANT OIL SPRAY EMULSIFIABLE INSECTICIDE
10475	MEX		MET-SCAT PRESSURIZED INSECT REPELLENT
10487	COX		L'HUILE REPULSIF CONTRE LES MOUSTIQUES
10491	INT		CO-OP SPOT WEED KILLER
10501	CBR	MCM	FORMULA MU-13 INSECTICIDE FOGGING SOLUTION
10503	CBR	MCM	CARMEL FORMULA L-10 LIVESTOCK SPRAY
10510	AIK		ENTACIDE INSECTICIDE
10523	PRE		INVADEx
10524	DUT		QUATROMYICIDE QUARTENARY AMMONIUM DISINFECTANT
10527	MCC		MCCLELLAND WARFARIN SURE KILL THRO PAKS RODENTICIDE
10528	FAR	MCC	FARNAM GRAND CHAMPION INSTANT COAT BRIGHTENER AND CONDITIONER FLY REPELLENT FORMULA
10530	MCC		MCCLELLAND WARFARIN SURE KILL THRO PAKS RODENTICIDE MEAL
10539	CAI		SHUR-GAIN RAT KILL BAIT CONTAINING WARFARIN
10549	BRP		BROCK PRESSURIZED INSECTICIDE
10554	SAN		SANFAX KILZ-M - RESIDUAL INSECTICIDE SPRAY
10557	KEM		KEM-SAN ROACH SPRAY CONCENTRATE
10567	CHP		CHIPMAN ROSE DUST OR SPRAY INSECTICIDE-FUNGICIDE (CONTAINS FOLPET, MALATHION)
10570	WEP		AERO-WEST INSECTICIDE AEROSOL (METERED)
10589	WEP		LIQUID INSECTICIDE RESIDUAL SPRAY SUPER CIDOL
10591	BOY		BLACK FLAG GUARANTEED BUG KILLER
10595	CUT	CUS	FLY SPRAY FOR HORSES
10633	SAJ		SANITIZED (BRAND) VAN INTERIOR AEROSOL
10635	SAF		RODENTKIL - WAX BLOCKS
10643	INT		CO-OP POTATO-TOMATO INSECTICIDE-FUNGICIDE DUST
10645	INT		CO-OP 5% SEVIN INSECTICIDE DUST
10648	KEM		RIDDEX FORMULA M P B INSECTICIDE SOLUTION CONTAINING MALATHION PYRETHRINS AND PIPERONYL BUTOX
10684	DID		DERMA DUST
10685	DID	DIE	DERMA-SPRAY
10709	KIN	COQ	KING 5 % SEVIN DUST
10723	CAY		ZEP FORMULA 60 SPACE AND CONTACT INSECTICIDE SPRAY
10738	LAT		LATER'S RAT AND MOUSE KILLER PELLETS
10739	COS		DUAL SYNERGIST INSTITUTIONAL AND GARDEN SPRAY
10747	TWI		PURGE CONCENTRATED AEROSOL SPRAY
10760	KEM		RIDDEX M-2 RESIDUAL INSECTICIDE SOLUTION CONTAINING MALATHION
10761	KEM		RIDDEX P-120 INSECTICIDE SOLUTION
10770	AIG		KLOBBER ANT, ROACH AND FLYING INSECT KILLER
10771	AIG		KONK FLYING INSECT KILLER
10785	PSA		REEL INDUSTRIAL INSECTICIDE CONTAINING PYRETHRINS AND PIPERONYL BUTOXIDE
10802	TRD		TROJAN TRL-80 MAG-O-BAN ODOUR AND INSECT CONTROL

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
10803	COS		HI-PRESSURE INSECT BOMB FUMIGATOR-EXTERMINATOR
10812	DIT		PYRATLEX 405 INDUSTRIAL AEROSOL INSECTICIDE CONTAINS PIPERONYL BUTOXIDE AND PYRETHRINS
10814	DIT		PYRATLEX 525 SPACE AND CONTACT INSECTICIDE CONTAINS PYRETHRINS AND PIPERONYL BUTOXIDE
10822	KEM		RIDDEX P-230 THERMAL FOGGING SOLUTION
10831	GEK		BRANTFORD FLY BOMB CONTAINS PIPERONYL BUTOXIDE AND PYRETHRINS
10836	DIT		PYRATLEX TOPTTEST INSECT SPRAY CONTAINS PYRETHRINS AND PIPERONYL BUTOXIDE
10843	KEM		RID PRESSURIZED INSECTICIDE
10844	CAY		ZEP 10-X SPECIAL RESIDUAL INSECTICIDE SPRAY
10845	CAY		ZEPOSECTOR DUAL SYNERGIST INSTITUTIONAL AND GARDEN SPRAY INSECTICIDE
10846	COS		INSECT REPELLENT PRESSURIZED SPRAY
10859	TRM	DOL	FLEA AND TICK SPRAY
10861	HAV	HAW	RO-DUST INSECTICIDE CONTAINS ROTENONE
10863	HAV	HAW	FLEATOL INSECTICIDAL SHAMPOO
10878	UNR		HRC SYSTEMIC FUNGICIDE FOR RUST CONTROL OF CARNATIONS
10881	KEM		IMPROVED DED-RAT PREPARED RODENTICIDE CONTAINS DIPHACINONE
10882	DIT		WARFARIN BAIT PELLETS OR MEAL RAT AND MOUSE KILLER
10883	DIT		SULFARIN BAIT PELLETS OR MEAL RAT AND MOUSE KILLER
10893	DUT		FINALE INSECTICIDE SPRAY
10894	IND		KIL-ZEM INSTITUTIONAL AND GARDEN SPRAY
10917	TRO		TROJAN TRB-591 INSTITUTIONAL AND GARDEN SPRAY
10923	KEM		RIDDEX P-100 INSECTICIDE SOLUTION CONTAINS PYRETHRINS
10937	INJ		PERMA-GUARD GRAIN OR SEED STORAGE INSECTICIDE DUST D-10 CONTAINS SILICON DIOXIDE
10938	INJ		PERMA-GUARD KLEEN BIN INSECTICIDE DUST D-20
10939	INJ		PERMA-GUARD HOUSEHOLD INSECTICIDE DUST D-20 CONTAINS PYRETHRINS AND PIPERONYL BUTOX
10940	INJ		PERMA-GUARD GARDEN AND PLANT INSECTICIDE D-21 CONTAINS PYRETHRINS AND PIPERONYL BUTOX
10955	KEM		DED-RAT ALL WEATHER BAIT BLOCKS RODENTICIDE CONTAINS DIPHACINONE
10956	KEM		DED-RAT SEWER RAT BAIT BLOCKS RODENTICIDE CONTAINS DIPHACINONE
10961	TUC		COWFLY POWDER CONTAINS MALATHION
10990	ACM		SLICK INSECT SPRAY DUAL SYNERGIST INSTITUTIONAL AND GARDEN SPRAY
10994	MIF	NOE	BAY-O-CIDE RESIDUAL INSECTICIDE SOLUTION
10996	GCP		GREEN CROSS DORMANT OIL SPRAY
11020	ULR		PESTARESTER WASP ATTRACTANT
11024	DIT		SULFARIN BAIT BLOCKS RODENTICIDE
11035	AVM		MAGNA SPACE & CONTACT INSECTICIDE SPRAY
11043	CHV		ORTHO ROTENONE DUST OR SPRAY
11044	CHV		ORTHO SEVIN GARDEN DUST
11046	DIT		DIAZINON 1% INSECTICIDE SOLUTION
11057	DIT		FI-2 FOG OIL CONTAINS FENTHION AND LETHANE INSECTICIDES
11058	MIF	NOE	MILL-O-CIDE INSECT SPRAY

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11068	DUC		MR. BEBITE HOUSE AND GARDEN INSECTICIDE PRESSURIZED SPRAY
11069	MEX		METEOR HOUSE AND GARDEN INSECTICIDE
11073	GCP		GREEN CROSS FLY BLASTER
11079	HUL		BUG BLAST INSTITUTIONAL AND GARDEN SPRAY
11081	WEP		WEST FOG LIQUID INSECTICIDE
11083	INJ		PERMA-GUARD DAIRY BARN INSECTICIDE DUST D-23
11085	KEM		RIDDEX B-1 RESIDUAL INSECTICIDE CONTAINS BAYGON
11090	LAT		LATER'S 5% SEVIN DUST - CARBARYL INSECTICIDE
11100	DIT		DITCHLING WASP AND HORNET KILLER PRESSURIZED INSECTICIDE
11102	DIT		ALLATEX 525 SPACE AND CONTACT INSECTICIDE CONTAINS ALLETHRIN AND PIPERONYL BUTOXIDE
11114	COS		WASP AND HORNET SPRAY
11116	RIL		RICHARDSON'S RAT-MOUSE PELLETS CONTAINS WARFARIN AND SULFAQUINOXALINE
11121	KEM		RIDDEX MAL-FOG PREMIUM THERMAL FOGGING INSECTICIDE
11122	SIR		BIMOTEX INSECTICIDE DUST CONTAINS ROTENONE
11123	WEA		LAWN GUARD DOG REPELLENT BAR
11124	TRO		TRB 571 WASP AND HORNET SPRAY
11126	RIL		RICHARDSON'S DOX 405 INDUSTRIAL AEROSOL
11127	RIL		RICHARDSON'S WASP AND HORNET BLITZ
11131	RIL		RICHARDSON'S 1% DIAZINON HOUSEHOLD INSECTICIDE SPRAY
11133	FAR	MCC	FARNAM HORSE LICE DUSTER CONTAINING ROTENONE PYRETHRINS AND PIPERONYL BUTOXIDE
11136	VIT	VIR	LETHALAIRE B-5 BEE-WASP KILLER
11139	CAT		DO-N-DIE PRESSURIZED SPACE AND CONTACT SPRAY INSECTICIDE
11140	NAC		NATIONAL CHEMSEARCH SWAT INSECT REPELLENT
11146	JOH		RAID BUGGY WHIP AIRBORNE INSECTICIDE
11150	ALT		INSECTICIDE A BETAIL ALSI
11164	INT		CO-OP RAT AND MOUSE KILLER PELLETS
11165	SAF		SANEX FLY KILLER
11166	CHV		ORTHO ROSE AND FLORAL SPRAY
11170	NAC		NATIONAL CHEMSEARCH AQUAFOG
11177	JOE		JOHNSON'S RAT AND MOUSE KILLER
11180	CHP		CHIPMAN WARFARIN RAT AND MOUSE KILLER
11206	MOA		KLUNK AEROSOL INSECT KILLER
11207	CGC		FLY TOX HOUSE AND GARDEN BUG KILLER
11215	ZOC	ROP	VET-KEM KEMIC PET SPRAY
11223	LAT		LATER'S 4% MALATHION DUST - INSECTICIDE
11227	WAK	WAL	WATKINS MOTHPROOFER PRESSURIZED SPRAY
11260	WEP		RESIDOL PLUS-2 LIQUID INSECTICIDE RESIDUAL SPRAY
11278	WEP		WESTICIDE LIQUID INSECTICIDE RESIDUAL SPRAY
11280	KEG		KELLY GREEN HOME AND GARDEN PRESSURIZED INSECT SPRAY
11290	BAI		THURON INSTITUTIONAL THERMOSET INSECT STRIP
11292	CMS		INSECT KILLER DUAL SYNERGIST PRESSURIZED SPRAY
11297	HEG		HERITAGE AEROSOL INSECTICIDE
11298	LEW		OAK LAKE CATTLE BACKRUBBER LIQUID CONCENTRATE
11306	GRG		QUICK-KILL INSECTICIDE AEROSOL
11309	SAN		BUG-OFF INSECT REPELLENT PRESSURIZED SPRAY

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
11317	ABE		WACO RATKILL POISON BAIT FOR RATS AND MICE
11318	PPC		PET PRODUCTS COMPANY FLEA BANE
11319	PPC		PET PRODUCTS COMPANY FLEA SPRAY
11320	PPC		PET PRODUCTS COMPANY FLEA SHAMPOO
11326	WOB		RESIDUAL INSECTICIDE AND PIPERONYL BUTOXIDE
11327	GCP		HOUSE AND GARDEN INSECT BLASTER
11328	BEN		WOOD PRESERVATIVE - GREEN CONTAINING COPPER NAPHTHENATE
11331	DOO		WOOD PRESERVATIVE FOR FIELD CUTS
11332	DIS		WARFARIN DISPARAT PELLETS RAT AND MOUSE KILLER
11345	CBE		MASTERCRAFT CLEAR WOOD, ROPE AND FABRIC PRESERVATIVE
11347	RED	SMT	DEEY MOSQUITO REPELLENT CLOTH
11349	KEM		RIDDEX FOG INSECTICIDE SOLUTION
11352	WEP		PYROSECT LIQUID INSECTICIDE
11367	GUA		GUARDIAN CHEMICALS R.I.P. INSECTICIDE CONCENTRATE
11370	WEP		AGRO-MIST 1 SPACE SPRAY
11371	WEP		AGRO-MIST 11
11378	MOM		K.O. INSECTICIDE AEROSOL SPRAY
11379	STM		WOOD PRESERVATIVE GREEN
11385	SYD		INDUSTRIAL FORMULATION OF DIAZINON INSECTICIDE
11388	MRP		ROYAL PRO-TECH NO. 730M400 PRESERVATIF POUR LE BOIS (CUIVRE)
11394	FMC		RAT PATROL RAT AND MOUSE KILLER BAIT
11395	SUP		SUPERSWEET RODENT-RID CONTAINS WARFARIN
11402	TRO		TROJAN CHEMICALS TRB-505 INSECT REPELLENT PRESSURIZED SPRAY
11408	ZOC	MCC	TRAX M RAT AND MOUSE BAIT
11416	TRO		TROJAN TRB-611 THREE WAY CONTACT INSECTICIDE SPRAY
11431	SAN		SANFAX BLAST-M INSECT KILLER
11480	JOH		RAID BUGGY WHIP RESIDUAL INSECTICIDE
11483	CBB		CIL ROSE AND GARDEN DUST
11535	CER		CERTI-MIST
11564	ROO		ROTOSPRAY RESMETHRIN LIQUID INSECTICIDE
11569	KEK		QUIKCIDE CONTACT INSECTICIDE PRESSURIZED
11580	AMC	AMI	ETHREL LIQUID PLANT GROWTH REGULATOR
11582	ECO	GIE	BACKRUBBER OIL CONTAINS KORLAN
11586	CHP		ATOX VEGETABLE DUST ROTENONE INSECTICIDE
11593	NAC		NATIONAL CHEMSEARCH KILZONE PRESSURIZED SPRAY INSECTICIDE
11599	CHP		5% SEVIN DUST GENERAL PURPOSE INSECTICIDE
11609	INT		CO-OP RAT KILLER MEAL BAIT (WITH CORNMEAL) CONTAINING WARFARIN
11634	SHW		KEM WOOD COPPER SEALER - PRESERVATIVE (GREEN) NO. 452
11667	INT		CO-OP RAT KILLER PELLETS
11670	VEL		VELCAN RAMIK BROWN WEATHER RESISTANT RODENTICIDE:
11707	PFF		TSC OIL 350 FOR TOBACCO SUCKER CONTROL
11737	KEK		QUIKCIDE INSECTICIDE CONCENTRATE
11769	PFF		PFIZER XA OIL CONCENTRATE
11777	BIE		BIKOE DUAL SYNERGIST INSTITUTIONAL & GARDEN SPRAY INSECTICIDE
11847	KLN		"DE BUGGER" HOUSE & GARDEN BUG KILLER
11904	CHP		ACTIVOL GA CONTAINS GIBBERILLIC ACID
12017	BLL	MAK	RODENT CAKE KILLS RATS AND MICE
12037	ORM		ORMOND HEXAMITE FOR VETERINARY USE ONLY

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
12135	WIL		WIL BUG KILLER DUST
12144	HOS		TREE WOUND DRESSING
12147	WIL		WILSON'S TREE SHRUB WOUND DRESSING
12200	GCP		BOOSTER PLUS CORN OIL CONCENTRATE
12240	KEK		KEM-KILL B WITH BAYGON
12241	KEK		KEM-KILL B RESIDUAL SPRAY
12242	KEK		QUIKCID CONCENTRATE
12294	WAK	WAL	WAK QUALITY INSECT SPRAY
12345	PEI	KEM	SBP 1382 BIOALLETHRIN AQUEOUS PRESSURIZED SPRAY
12451	CBB		CIL ROTENONE DUST
13050	CGC		EASOUT POTATO SEEDPIECE TREATMENT
13079	IMP		CORNTROL OIL
13104	FIS		ATRAOIL CONCENTRATE
13167	AMC	AMI	AMID THIN W PLANT GROWTH REGULATOR
13198	VIT	VIR	VIRCHEM ONE AEROSOL INSECTICIDE
13199	SIC		DURITY WOOD PRESERVATIVE
13200	SIC		DURITY WOOD PRESERVATIVE
13321	ELW		ZAP SUREKILLER POWDER FOR COCKROACHES
13354	HUG	HER	EXCELCIDE PG SPACE SPRAY
13365	CET		CERFKILL FORMULA B
13369	INC		CDC INDUSTRIAL INSECTICIDE
13380	SHW		FOUR STAR COPPER NAPHTHENATE SEALER PRESERVATIVE GREEN 452
13386	BOW	JEB	BOWER PERMA-GUARD GRAIN AND SEED INSECTICIDE DUST
13388	BOW	JEB	BOWER PERMA-GUARD DAIRYBARN INSECTICIDE DUST
13393	BOW	JEB	BOWER PERMA-GUARD HOUSEHOLD INSECTICIDE DUST
13394	BOW	JEB	BOWER PERMA-GUARD GARDEN AND PLANT INSECTICIDE DUST
13395	BOW	JEB	BOWER PERMA-GUARD KLEEN-BIN INSECTICIDE DUST
13421	WHM	BAB	BARN FOGGER FOR ANIMALS AND MILK HOUSES
13576	SCT	ITT	SCOTTS PROTURF SYSTEMIC FUNGICIDE
13651	CPV		PROVIMI BLUE DEATH RAT BAIT THRO PAC
13666	CPV		PROVIMI BLUE DEATH RAT BAIT
13693	WIL		WILSONS ROTENONE DUST
13713	AEF		INDUSTRIAL KARE INSECTICIDE PRESSURIZED SPRAY
13774	POP		POULINS LIQUID INSECTICIDE
13784	POP		POULINS RESIDUAL INSECTICIDE
13790	SAF		SANEX MAGIC MIST INSECTICIDE
13793	KEM		RIDDEX DRIONE INSECTICIDE POWDER
13884	DIS		DISVAP BUGKILLER DUST INSECTICIDE
13905	BLL	MAK	RAZE RAT AND MOUSE BAIT
13906	ATS		ATPLUS 411F ADJUVANT
13908	FOF		FOSSIL FLOWER ORGANIC BUG KILLER
13911	PEN		PESTROY LIQUID RESIDUAL INSECTICIDE
13913	BLL	MAK	RODENT CAKE KILLS RATS
13934	CHH		BAYGON READY TO USE IN THERMAL FOGGERS
13944	TIM		TIME-MIST METERED AEROSOL INSECTICIDE
13949	KEM		RIDDEX BAY-FOG FOGGING INSECTICIDE
13981	FRA		INSECTICIDE AP 300 FOR DAIRY BARN
14010	INT		CO-OP POTATO AND TOMATO DUST
14028	CHD		CHAPMAN PQ-15 PT WATER REPELLENT WOOD PRESERVATIVE

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14033	RAW		MR GROOM FLEA AND TICK SHAMPOO WITH PROTEIN
14057	WIL		WILSONS 1% DIAZINON LIQUID INSECTICIDE
14119	DUK		WOODSOL GREEN PRESERVATIVE
14121	DUK		WOODSOL CLEAR PRESERVATIVE
14132	MBE		MARQUETTE DORMANT OIL SPRAY
14166	MBE		MARQUETTE CUCURBIT INSECTICIDE FUNGICIDE DUST
14194	CHV		FUNGINEX EC
14199	KEM		DED-RAT WARFARIN PELLETS RODENTICIDE BAIT
14203	SAL		BAR BAIT RAT AND MOUSE KILLER
14207	WHM	BAB	FLYS-OFF DAIRY AEROSOL INSECTICIDE
14254	KEM		DIAZINON HOUSEHOLD RESIDUAL INSECTICIDE
14265	KEM		RIDDEX M-3 RESIDUAL INSECTICIDE SOLUTION
14267	ZOC	ZOD	STARBAR STOCK SPRAY
14268	ZOC	ZOD	STARBAR LOUSE POWDER
14269	ZOC	ZOD	STARBAR COWFLY POWDER
14271	ZOC	ZOD	STARBAR GOLDEN MALRIN RESIDUAL FLY SPRAY
14272	CAT		CANTOL DO'N DIE LIQUID INSECTICIDE
14273	CHM		ROZOL CANARY SEED MOUSE BAIT
14276	KEM		DED-RAT PREMIUM BAIT PACKS
14303	CHP		CHIPMAN SUPERIOR OIL CONCENTRATE
14322	SAF		SANEX BUG BUSTER
14324	FLY		FLYK 100 AEROSOL INSECT KILLER
14355	KEM		DED-RAT ROZOL BAIT PELLETS
14374	SAF		SANEX MOSQUITO BLACKFLY FOG INSECTICIDE
14405	HYN	SMS	HYSAN 24-D WITH MECOPROP
14419	ITT	DKB	MR RAT GUARD II RAT AND MOUSE BAIT
14431	FFA	BRN	DRIONE INSECTICIDE POWDER
14444	DAB		SAPHO HOUSE AND GARDEN INSECTICIDE
14445	DIS		DISPAR PINK POWDER INSECTICIDE
14504	KEM		RIDDEX FOOD PLANT THERMAL FOGGING INSECTICIDE
14507	KEM		RIDDEX INDUSTRIAL INSECTICIDE
14508	KEM		RIDDEX HEAVY DUTY INDUSTRIAL INSECTICIDE
14509	KEM		RIDDEX MILL AND BAKERY INSECTICIDE
14538	KEM		RIDDEX FOOD PLANT INSECTICIDE
14541	KEM		RIDDEX BARN AND LIVESTOCK INSECTICIDE
14569	BIE		BIKOE DIAZINON SOLUTION
14570	BIE		BIKOE XKD RESIDUAL INSECT SPRAY
14589	ZOC		STARBAR READY TO USE BACK RUBBER SOLUTION
14602	ABE		WACO FLY FOGGER WITH DUAL ACTIVATORS
14618	CAT		CANTOL SUPER CONCENTRATED KLUNK INSECTICIDE
14622	INT		CO-OP PREMIUM SPOT WEED KILLER
14633	FAA		PYRENONE READY TO USE LIQUID INSECTICIDE
14635	FFA	WBB	PYRENONE READY TO USE LIQUID INSECTICIDE
14653	PFF		PFIZER MICROSCOPIC SULPHUR
14665	KEM		KEM-SAN KSC5 BAIT PELLETS
14669	SFR		SAFERS INSECTICIDAL SOAP LIQUID CONCENTRATE SOLUTION
14670	ABE		WACO DURSBN RESIDUAL SPRAY CRACK AND CREVICE INJECTION TREAT- MENT
14679	MBY		SERADIX ROOTING POWDER NO 1

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
14680	MBY		SERADIX ROOTING POWDER NO 2
14681	MBY		SERADIX ROOTING POWDER NO 3
14713	NIA		MICRO-NIASUL W
14748	PFE		BLOWFLY MAGGOT SPRAY
14751	NIA		NIAGARA SUPERIOR OIL 70 EC
14759	NIA		NIAGARA HY-X LIQUID STERILIZER AND DISINFECTANT FOR POTATOES
14782	NIA		NIAGARA MALATHION GRAIN PROTECTANT
14783	NIA		NIAGARA PYRENONE FRUIT FLY DUST
14786	NIA		NIAGARA TREE DRESSING
14793	CAT		CANTOL CRAWL-X LONG LIFE RESIDUAL INSECTICIDE
14807	NIA		NIAGARA RAT AND MOUSE BAIT
14821	NAC		P-O-W WASP PRESSURIZED INSECTICIDE
14826	CHH		BAYGON READY TO USE FOGGER
14852	WIL		WILSONS BULB AND SOIL DUST
14863	TUC		WARFARIN BAIT PAKS
14877	SAF		SANEX BUG X RESIDUAL INSECTICIDE
14901	SHL		PYRON STOCK SPRAY
14908	SAF		SANEX FOG X FOGGING INSECTICIDE
14914	AMW	AMZ	AMWAY SPRAY ADJUVANT DEFOAMER
14920	BLL		RODEX APPLE FLAVOUR MOUSE BAIT
14948	RER		LIQUID XLR BAYGON INSECT DESTROYER
14950	CHP		BRACO TREE DRESSING ASPHALT EMULSION
14951	MBE		BRACO TREE DRESSING
14981	PFF		PFIZER SUPERIOR 70 OIL
15011	SAF		SANEX M300 RESIDUAL INSECTICIDE SOLUTION
15030	ZOC		VET-KEM LOUSE POWDER
15038	INT		CO-OP TREE WOUND DRESSING
15070	HEP	NMR	HERCON ROACH-CHECK RESIDUAL INSECTICIDE STRIPS
15077	JOH		BOLT AIRBORNE LIQUID FOR FLYING AND CRAWLING ANTS
15078	JOH		BOLT RESIDUAL LIQUID FOR CRAWLING INSECTS
15079	JOH		BOLT RODENTICIDE
15083	JOH		BOLT AIRBORNE INSECT STRIP
15104	MIF	CAU	MILL-O-CIDE INSECTICIDE
15108	ZOC		VET-KEM FLEA AND TICK COLLAR FOR DOGS
15126	KEM		KS MK MOSQUITO FOG INSECTICIDE
15128	AIG		KONK BVT FLYING INSECT KILLER
15134	CGC		STOCKAID FLY BAIT
15139	CBR		FORMULA F-500 INSECTICIDE
15140	FFA		PYRENONE FOOD PLANT FOGGING INSECTICIDE
15146	KEM		RIDDEX R 25 INDUSTRIAL INSECTICIDE
15157	GUC		GOTCHA ! INSECT REPELLENT SOLUTION
15162	FFA		MULTI-PURPOSE PYRENONE INSECTICIDE
15180	FFA		PYRENONE AQUEOUS GARDEN SPRAY
15181	FFA		PYRENONE AQUEOUS PLANT SPRAY
15182	FFA		ROACH AND ANT SPRAY AQUEOUS
15211	PLG		PULSFOG FOGGING SOLUTION PFE
15232	JOH		BOLT AIRBORNE FOR FLYING INSETS
15252	SAF		MAGIC MIST INSECTICIDE PLUS
15255	FFA		DRIONE INSECTICIDE POWDER

## SCHEDULE 6

REG- IS- TRA- TION NO	REGIS- TRANT	A G E N T	PESTICIDE
15285	SAF		DIPHA-PELL WEATHER RESISTANT RODENTICIDE PELLETS
15288	SAF		PRO -5 PLUS ULV CONCENTRATE
15289	SAF		PRO-3 PLUS ULV CONCENTRATE
15299	JOH		BOLT RESIDUAL INSECTICIDE
15300	SAF		RESMEN 5-ULV CONCENTRATE
15316	JOH		BOLT AIRBORNE FOR FLIES
15329	SAF		SANEX DIAZINON 2 DUST
15442	BAT		BARTLETT SUPERIOR OIL CONCENTRATE
15443	NIA		NIAGARA SUPERIOR OIL CONCENTRATE
15467	AVM		MAGNA SPACE AND CONTACT INSECTICIDE SPRAY
15469	SAF		PYRONIDE 5 PLUS
15474	SAF		PYRONIDE 33 PLUS SOLUTION
15476	SAF		HIGH TEST PLUS INSECT SPRAY
15481	U&J		NU-TOMATOTONE
15483	SAF		BUG BUSTER PLUS
15484	PUG		PUROGUARD HOUSEHOLD PLANTS INSECTICIDE DUST
15486	PUG		PUROGUARD BARN INSECTICIDE DUST
15487	PUG		PUROGUARD GRAIN AND SEED STORAGE INSECTICIDE DUST
15488	PUG		PUROGUARD HOUSE AND GARDEN BUG KILLER DUST
15502	PUG		PUROGUARD HOUSE AND GARDEN BUG KILLER DUST
15503	PUG		PUROGUARD BARN INSECTICIDE DUST
15517	KEM		RIDDEX SUPREME INSECTICIDE FORMULATION D
15518	KEM		RIDDEX INDUSTRIAL INSECTICIDE
15519	KEM		RIDDEX HEAVY DUTY INDUSTRIAL INSECTICIDE
15520	KEM		RIDDEX FOOD PLANT INSECTICIDE
15549	SAF		SANEX ROACH AND BUG KILLER
15555	SAF		MOSQUITO BLACKFLY FOG INSECTICIDE
15556	SAF		PRO-PLUS INDUSTRIAL AEROSOL
15589	KEM		DEDRAT ROZOL PELLETS MOUSE PACKS
15642	JOH		BOLT ROACH BAIT
15674	AIG		AIR GUARD KONK BVT FLYING INSECT KILLER
15676	KEM		DEDRAT MAKI RODENTICIDE BAIT
15677	SAF		BROMONE SPECIAL RAT MEAL BAIT
15678	SAF		BROMONE RAT AND MOUSE MEAL BAIT
15695	CGC		SOREXA CR SUPER MOUSE BAIT READY TO USE IMPREGNATED CANARY SEED
15700	DIV		LIQUID 8 INSECTICIDE SOLUTION
15704	CHP		CHIPMAN MATURE-AID
15705	MBE		MARGUETTE MATURE-AID
15710	KEM		KEM-MIST METERED AEROSOL INSECTICIDE
15727	GCP		GREEN CROSS FUNGINEX 6.5 ROSE AND ORNAMENTAL DISEASE CONTROL
15788	SAF		BROMONE RAT AND MOUSE PELLETS
15800	REC		ZINC II WOOD PRESERVATIVE
15823	KEM		DEDRAT ROZOL BAIT BAG
15824	KEM		DEDRAT ROZOL RODENTICIDE BAIT
15827	WOB		G.H.WOOD RESIDUAL INSECTICIDE
15858	INT		CO-OP AERO-TACK INSECTICIDE
15886	DOW		DURSBAN READY TO USE HOUSEHOLD INSECTICIDE
15888	DOW		DURSBAN HOME AND GARDEN INSECTICIDE GRANULES
15889	DOW		DURSBAN HOME AND GARDEN INSECTICIDE DUST
15940	COS		COPELAND PRESSURIZED TREE PRUNING TREATMENT
15941	TRO		TROJAN TRB-540 PLANT MEDIC
15948	ZOC	ZOD	STARBAR MILK ROOM AND CATTLE SPRAY
15967	DIS		DISVAP III SPRAY INSECTICIDE
15995	FLY		PURGE III AEROSOL INSECT KILLER
16025	INT		BROMONE RAT AND MOUSE KILLER
16033	CAT		KLUNK AEROSOL INSECT KILLER
16104	SAF		SANEX PRO 99 PROFESSIONAL SYSTEM CRACK AND CREVICE AEROSOL
16153	KEM		KS P5 BARN AND LIVESTOCK INSECTICIDE
16272	SAF		MR-10 MUSHROOM HOUSE INSECTICIDE
16417	DIS		DISVAP SPRAY INSECTICIDE
16423	VEL		VELCAN ROOST NO MORE LIQUID BIRD REPELLENT

## Schedule 6

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration</u> <u>Number under</u> <u>Fertilizer</u> <u>Act (Canada)</u>	<u>Registrant under</u> <u>Fertilizer Act</u> (Canada)	Pesticide
258	Ciba-Geigy Ltd.	Green Cross Weed 'N' Feed Lawn Fertilizer 20-10-5 and 2,4-D 0.9%
601	UCO	CO-OP Fertilin 20-6-4 Turf Fertilizer with Weed Killers - 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.043%
754	The T. Eaton Co. Limited	Eaton Tech Garden Grove Lawn Fertilizer 9-5-3 with 2,4-D 0.33%
755	The T. Eaton Co. Limited	Eaton Tech Garden Grove Lawn Fertilizer 10-6-4 with 2,4-D 0.44%, mecoprop 0.22%, dicamba 0.04%
1044	Green Valley Fertilizer & Chemical Co. Ltd.	Green Valley Feed and Weed 5-5-0 with 2,4-D 0.9%
1383	Vigoro Division, Swift Canadian Co. Ltd.	Golden Vigoro Lawn Weed and Feed 12-6-3 with 2,4-D 0.88%, mecoprop 0.44%, dicamba 0.08%
1635	Cyanamid of Canada Ltd.	Aero (R) Green 10-6-4 Weed and Feed with 2,4-D 1.5%
1646	Green Valley Fertilizer & Chemical Co. Ltd.	Green Valley 20-5-10 Hi-Light Feed and Weed with Killex 2,4-D 1.2%, mecoprop 0.56%, dicamba 0.10%
1707	Cyanamid of Canada Ltd.	Aero (R) Green 10-6-4 Weed and Feed with Killex 2,4-D 0.45%, mecoprop 0.23% dicamba 0.04%
1842	Art Knapp Garden Spots	Knapps 20-10-5 Weed and Feed with Killex 2,4-D 1.12%, mecoprop 0.56%, dicamba 0.10%
1929	Brockville Chemical Industries Ltd.	Nutrite 10-6-4 Turf + Feed'n Weedaway with Killex 2,4-D 0.56%, mecoprop 0.28% dicamba 0.05%
1955	Agricultural Chemicals Limited	Agrico Country Club 10-5-10 with weed control 2,4-D 0.494%, mecoprop 0.227%, dicamba 0.047%

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

Registration Number under <u>Fertilizer</u> <u>Act</u> (Canada)	Registrant under <u>Fertilizer Act</u> (Canada)	Pesticide
2053	Brockville Chemical Industries Ltd.	Nutrite Fairway Feed'n Weedaway 12-6-8 with Killex 2,4-D 1.46%, mecoprop 0.23%, dicamba 0.04%
2054	T. M. Spratt Co.	Spratts Eze-Weed 7-7-7 2,4-D 0.44%, mecoprop 0.22%, dicamba 0.04%
2055	So-Green Industries	So-Green Weed and Feed 7-7-7 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.04%
2061	Manchester Products Ltd.	Super Green Plant Food 10-6-4 Weed and Feed with 2,4-D amine 1.0%
2063	Manchester Products Ltd.	Super Green Plant Food 7-7-7 Weed and Feed with 2,4-D amine 1.0%
2064	Ciba-Geigy Canada Ltd.	Green Cross Weed 'N' Feed Killex Lawn Fertilizer 20-10-5 2,4-D 0.90%, mecoprop 0.45%, dicamba 0.084%
2067	Home Hardware Stores Limited	BEAUTI-LAWN 10-6-4 Weed and Feed with 2,4-D, 2.5%
2068	Home Hardware Stores Limited	BEAUTI-LAWN 7-7-7 Weed and Feed with 2,4-D, 1.5%
2069	Hardi Gardens Canada Limited	Hardi Branch 20-5-10 Weed and Feed 2,4-D 1.12%, mecoprop 0.56%, dicamba 0.10%
2080	O.M. Scott & Sons Co.	Turf Builder 22-5-5, 2,4-D 0.80%, mecoprop 0.80%
2081	O.M. Scott & Sons Co.	Pro-Turf Fertilizer plus Dicot Weed Control 30-5-3 2,4-D 1.10%, dicamba 0.35%
2086	Simpson Sears Ltd.	Cross Country Weed and Feed 5-5-0 Processed Sewage 2,4-D 0.528%, mecoprop 0.264%, dicamba 0.052%
2088	Cyanamid of Canada Ltd.	Aero (R) True Green 10-6-4 Weed and Feed with 2,4-D 1.5%
2090	Cyanamid of Canada Ltd.	Aero (R) True Green 10-6-4 Weed and Feed with Killex 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.04%

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

Registration Number under <u>Fertilizer</u> <u>Act</u> (Canada)	Registrant under <u>Fertilizer Act</u> (Canada)	Pesticide
2094	Wm. Stone Fertilizer Co.	Witts Weed and Feed 20-10-5 2,4-D 0.88%, mecoprop 0.44%, dicamba 0.08%
2095	Wm. Stone Fertilizer Co.	Green-up Weed and Feed 10-6-4 2,4-D 0.44%, mecoprop 0.22%, dicamba 0.04%
2096	Wm. Stone Fertilizer Co.	Mr. Green Weed and Feed 10-6-4 2,4-D 0.44%, mecoprop 0.22%, dicamba 0.04%
2097	Pacific Agro Company	Agro Lawn Medic, Weed and Feed 8-2-2 2,4-D 0.9%, mecoprop 0.3%
2100	So-Green Industries	So-Green Fall Season Lawn Food with Weed Control 3-5-10 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.04%
2104	So-Green Industries	So-Green Weed Destroyer Plus Lawn Food 10-5-10 2,4-D 0.62%, mecoprop 0.31%, dicamba 0.058%
2105	So-Green Industries	Lawn Pep 7-7-7 Weed and Feed 2,4-D 1.5%
2110	Simpson Sears Ltd.	Simpson-Sears Weed and Feed 20-10-5 2,4-D 1.1%, mecoprop 0.55%, dicamba 0.11%
2112	Co-operative Federee de Quebec	PLUS VERT 10-6-4 with herbicides 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.043%
2117	So-Green Industries	So-Green 10-5-10 with Killex 2,4-D 0.57%, mecoprop 0.285%, dicamba 0.053%
2123	Brockville Chemical Industries Ltd.	Nutrite 4-9-15 Winter Guard plus Weedaway Killex 2,4-D 0.56%, mecoprop 0.25%, dicamba 0.05%
2124	Brockville Chemical Industries Ltd.	Brockville 10-6-4 with Killex 2,4-D 0.69%, mecoprop 0.34%, dicamba 0.06%
2125	Brockville Chemical Industries Ltd.	Brockville 12-4-8 with Killex 2,4-D 0.69%, mecoprop 0.34%, dicamba 0.06%
2126	Brockville Chemical Industries Ltd.	Brockville 14-4-8 with Killex 2,4-D 0.69%, mecoprop 0.34%, dicamba 0.06%

## PESTICIDES THAT ARE CONTAINED IN FERTILIZER

<u>Registration Number under Fertilizer Act (Canada)</u>	<u>Registrant under Fertilizer Act (Canada)</u>	<u>Pesticide</u>
2127	The T. Eaton Co. Limited	T. Eaton 20-15-5 Weed Killer 2,4-D 0.88%, mecoprop 0.44%, dicamba 0.08%
2128	Cashway Lumber Co.	Cashway Lumber 10-6-4 Weed Killer 2,4-D 0.46%, mecoprop 0.23%, dicamba 0.043%
2135	CIL	CIL Winterized-Weeder 3-6-12 2,4-D 0.55%, mecoprop 0.275%, dicamba 0.05%
2138	Wm. Stone Fertilizer Co.	Weed & Feed 20-10-5 Green-Up 2,4-D 0.88%, mecoprop 0.44%, dicamba 0.08%
2141	Brockville Chemical Industries Ltd.	Nutrite Turf + Weedaway 8-5-8 2,4-D 0.56' mecoprop 0.28%, dicamba 0.05%
2142	O. M. Scott & Sons Co.	Scott's proturf 30-5-3 plus dicot weed Control 11, 1.15%
2146	O. M. Scott & Sons Co.	Scott's Turf Builder plus, 0.95%
2148	Manchester Products Ltd.	Super Green Complete Plant Food Non- Burning Weed Guard 10-6-6 2,4-D 0.56%, mecoprop 0.28%, dicamba 0.05%
2152	CIL	CIL Winterizer Weeder 6-12-24 plus Killex 2,4-D 0.40%, mecoprop 0.20% dicamba 0.04%
2153	CIL	CIL Lawn Weed Doctor 18-6-9 plus Killex 2,4-D 0.40%, mecoprop 0.20%, dicamba 0.04%
2154	CIL	CIL Weed and Feed 18-6-9 plus Killex 2,4-D 0.80%, mecoprop 0.40%, dicamba
2155	CIL	CIL Lawn Insect Doctor 18-6-9 plus Dursban 0.45%
2176	UCO	CO-OP Fertilin 3-5-12 fall fertilizer with fall weed killers, 0.46%
2203	O. M. Scott & Sons	Scotts Lawn Moss Control with 19-5-5 Fertilizer

O. Reg. 833/80, s. 8 (Sched. 6).

Form 1

Pesticides Act

APPLICATION FOR AN EXTERMINATOR'S LICENCE

PLEASE PRINT CLEARLY

I, (name) ..... Telephone No. ....

of (home address) .....  
(P.O. Box, R.R. No., Apt. No., Number and Street

..... Postal Code .....

..... City, Town, etc.)  
[ Lot ] [ Concession ] [ Township ] [ Municipality (City, Town, etc.) ]

apply for an exterminator's licence:

Structural Class 1 - ☐ 2 - ☐ 3 - ☐ 4 - ☐ 5 - ☐\* 6 - ☐\*

Land Class 1 - ☐ 2 - ☐ 3 - ☐ 4 - ☐ 5 - ☐ 6 - ☐ 7 - ☐ 8 - ☐ 9 - ☐ 10 - ☐\*

Water Class 1 - ☐ 2 - ☐ 3 - ☐\*

If (\*) COMPLETE THIS SECTION —

Specify the pesticide(s) .....  
use .....  
premises .....  
or equipment .....  
to be used in accordance with this licence.

I shall be performing under Operator's Licence No. .... in the name of .....

Telephone No. .... at (business address) .....

if applicable, state present exterminator's licence class and number: STRUCTURAL.....  
LAND.....  
WATER.....

Last formal education completed ..... at ..... if less than Grade 10, please submit working or business experience.

State Names and Addresses of two character references.

NAME ADDRESS

.....  
.....

Date ..... 19.. Signature of Applicant.....

TO BE COMPLETED IF THIS IS AN ORIGINAL APPLICATION OR A MEDICAL HAS BEEN REQUESTED BY THE DIRECTOR

This is to certify that (name of applicant) ..... has been given a medical examination which included a blood count, urine analysis and a check of the applicant's blood pressure and heart.

I find the applicant physically fit to conduct exterminations:

Date ....., 19..      Signature of Medical Practitioner.....  
Address of Medical Practitioner.....

O. Reg. 575/78, s. 12, *part.*

Form 2

Pesticides Act

Application for an Operator's Licence

1. Applicant: Any individual or corporation may apply alone or together with others for an Operator's Licence.  
Name ..... Telephone .....  
Address ..... Postal Code .....  
Lot ..... Concession ..... Township .....
2. For each applicant which is a corporation, complete the following:  
Corporation Name ..... Telephone .....  
Address ..... Postal Code .....  
Please attach a list of the names, addresses and telephone numbers of all directors and officers of each corporation.
3. The following are all the names under which the applicant(s) intend to carry on business under the authority of the licence applied for:  
1. Name .....  
2. Name .....  
3. Name .....
4. The following are the names of all the official representatives of the Operator:  
1. Name .....  
2. Name .....  
3. Name .....

Application is hereby made for an Operator's Licence Class:  
1-☐ 2-☐ 3-☐ 4-☐ 5-☐ 6-☐ 7-☐ and the above  
information is provided for the purpose of this application.

If there is more than ONE applicant, the applicants carry on or intend to carry on an extermination business in partnership or in association, and are all the partners or associates carrying on the extermination business together.

..... Date ..... Signature of official representative .....

O. Reg. 577/76, s. 58, *part.*

Form 3

*Pesticides Act*

APPLICATION TO USE AN IMPORTED, UNREGISTERED PESTICIDE

I, .....  
(name)

of .....  
(address)

.....  
qualify as an agriculturist and apply to use on my own agricultural land the following imported,  
unregistered pesticide:

Product Name.....	
Active Ingredient.....	
Total Amount.....	Rate of Application.....
Concentration.....	Formulation.....

To be applied at .....  
(lot) (concession)

.....  
(township) (municipality)

for the control of ..... on ..... of acres of .....  
(pest) (number) (crop)

.....  
(date) (signature)

Form 4

Pesticides Act

APPLICATION FOR A PERMIT TO USE A PESTICIDE CONTAINING  
METHYL BROMIDE, PHOSTOXIN OR CYANIDE COMPOUNDS

1. Name of operator.....Licence Class.....Licence Number.....  
Address..... Business telephone number.....  
Name of exterminator..... Home telephone number.....  
Home address.....  
Application for a permit to use.....in an extermination in  
(name of pesticide)  
premises at.....  
(location of premises)  
on the....., 19...  
(date)
2. I am the holder of Licence Number.....as a Structural Exterminator,  
Class.....
3. Particulars of the extermination are as follows:

I	Description of premises (indicate whether it is an attached or detached building, an apartment, a portion of a building, a vehicle or other premises)	
II	Date on which premises were last inspected by exterminator	
III	Date on which notice required by the Regulation is to be delivered	
IV	Cubic feet capacity of the premises to be exterminated	
V	Hour in which extermination to be commenced	
VI	Amount of pesticide to be used	
VII	Proposed time of opening premises	
VIII	Names and addresses and brief description of duties of each assistant exterminator or other person who will assist	

.....  
(date)

.....  
(signature of exterminator)

## Form 5

*Pesticides Act*APPLICATION TO PERFORM AN EXTERMINATION  
FROM AN AIRBORNE MACHINE

I, ..... Land Exterminator's Licence Class .....  
(name of exterminator)

Number.....

.....  
(home address)

..... Home Telephone No. ....

hereby apply for a permit to use:

.....at.....per acre  
(name of pesticide) (rate)

by means of.....  
(type of machine)

on.....acres of.....  
(number) (crop)

located at.....  
(location of area to be treated)

Lot.....Concession.....Township.....County.....

District or Regional Municipality.....

within the time period of.....to.....

to perform an extermination under.....  
(name of operator)

.....  
(operator's licence class and number) (business address)

.....  
(business telephone)

.....  
(date) (signature of applicant)

O. Reg. 618/74, Form 5.

Form 6

Pesticides Act

RECORD OF EXTERMINATIONS PERFORMED  
(DAILY SPRAY RECORD)

Type of Machine				Tank Capacity (Pesticide ) (in gallons)			Identification of Machine			Type of Nozzle or Boom attached				
Owner of Property Sprayed	Address			Crop(s) Treated	Treated for	Pesticide(s) Applied %	Applica- tion Rate/Acre	Acres Treated	Wind			Tempera- ture Summary	Time of Treat- ment	
	Lot	Con.	Twp.						County or Mun.	Dir.	Vel.			Temp.
Comments —														

Name of Operator		Date	
Licence Class	Licence Number	Signature of Exterminator	
		Licence Number	Date
		Licence Class	Licence Number

Form 7

Pesticides Act

APPLICATION FOR A PERMIT TO PERFORM A WATER EXTERMINATION

PLEASE PRINT CLEARLY, Attach Map of the Treatment Area and Indicate Access Route

1. I, .....  
(name of applicant)

Telephone No. ....  
(Home) (Business)

of .....  
Home Address — P.O. Box, Apt. No., Number and Street  
.....  
City, Town, etc. Postal Code

apply for a permit to purchase and use:

2. Name of Pesticide	3. Formulation	4. Active Ingredient
5. Concentration — Total Qty. to be used		6. Rate

7. Area to be treated (length, width, and average maximum depth)

Name of Body of Water (Specify)	Lot	Concession	Township
County, District or Regional Municipality		8. Name of Pest	
9. Date of Application	Number of Applications	Type of Equipment	

WHERE A STREAM OR RIVER IS TO BE TREATED FOR CONTROL OF BLACKFLY LARVAE, INDICATE:

A. Streamflow	B. Width	Average Depth	Speed of Current (Ft. per Second)
		Years of Previous Permit(s)	Permit Number(s)

This permit is a renewal:

- ☐ No  
☐ Yes

Is water in the vicinity of the treated area used for:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> swimming       | <input type="checkbox"/> irrigation of crops | <input type="checkbox"/> fishing .....<br>(specify) |
| <input type="checkbox"/> drinking water | <input type="checkbox"/> livestock watering  | <input type="checkbox"/> other .....<br>(specify)   |



if a partnership or corporation, state name(s) of the Official Representative(s):

NAME HOME ADDRESS HOME PHONE TITLE

\_\_\_\_\_  
\_\_\_\_\_

Date..... Signature of Applicant.....

O. Reg. 577/76, s. 58, *part.*

Form 9

*Pesticides Act*

Application for a Retail Vendor's Licence and Renewal

I, \_\_\_\_\_ Telephone (home) \_\_\_\_\_ (bus.) \_\_\_\_\_

of (home address) P.O. Box, R.R. No. \_\_\_\_\_  
Apt. No. \_\_\_\_\_  
Number and Street \_\_\_\_\_  
City, Town, etc. \_\_\_\_\_

(business address) P.O. Box, R.R. No. \_\_\_\_\_  
Apt. No. \_\_\_\_\_  
Number and Street \_\_\_\_\_  
City, Town, etc. \_\_\_\_\_

[ LOT ] [ CONCESSION ] [ TOWNSHIP ] [ MUNICIPALITY (City, Town, etc.) ]

apply for a ☐ VENDOR'S LICENCE or ☐ RENEWAL OF VENDOR'S LICENCE NO. \_\_\_\_\_

- ☐ Class 1 Retail
- ☐ Class 2 Retail
- ☐ Class 3 Retail

to sell pesticides.

If a partnership or corporation, state name(s) of Official Representative(s):

NAME HOME ADDRESS HOME PHONE TITLE

\_\_\_\_\_  
\_\_\_\_\_

Date..... 19..... Signature of Applicant .....

O. Reg. 577/76, s. 58, *part.*

Form 10

Pesticides Act

APPLICATION TO PURCHASE AND USE A PESTICIDE

I, .....  
(name)

of ..... home telephone. ....  
(home address)

..... business telephone: .....  
(business address)

apply for a permit to purchase and use .....  
(name of pesticide) (formulation)

.....  
(active ingredient) (concentration) (total quantity)

to be applied at ..... on .....  
(rate) (crop or area to be treated)

for the control of ..... on premises  
(name of pest)

located at .....  
(mailing address)

lot ..... concession ..... township .....

county, district or regional municipality .....

during the time period ..... to .....

I am licensed under the *Pesticides Act* and regulations thereunder:

Yes ☐

No ☐

If yes, I hold a:

Land Exterminator's Licence, Class ..... Number .....

Structural Exterminator's Licence, Class ..... Number .....

Water Exterminator's Licence, Class ..... Number .....

Operator's .....  
.....

.....  
(date)

.....  
(signature of applicant)

## Form 11

*Pesticides Act*

FIRE DEPARTMENT NOTIFICATION  
(for reference in case of an emergency)

I, .....  
(vendor's name)

of ..... home telephone .....  
(business address) ..... business telephone .....

notify the .....  
(name of Fire Department)

Fire Department that -

- Schedule 1 ☐  
Schedule 2 ☐  
Schedule 3 ☐  
Schedule 4 ☐  
Schedule 5 ☐  
Schedule 6 ☐

pesticides are stored at the above premises. I am a holder of a -

Wholesale	<input type="checkbox"/>	Vendor's Licence Number .....
Limited Wholesale	<input type="checkbox"/>	Vendor's Licence Number .....
Class 1 Retail	<input type="checkbox"/>	Vendor's Licence Number .....
Class 2 Retail	<input type="checkbox"/>	Vendor's Licence Number .....

.....  
(date)

.....  
(signature)

O. Reg. 577/76, s. 58, *part.*

## REGULATION 752

under the Petroleum Resources Act

### EXPLORATION, DRILLING AND PRODUCTION

#### INTERPRETATION

#### 1. In this Regulation,

- (a) "battery" means storage facilities receiving production from a well or wells;
- (b) "completion date" means the date on which the total depth of a well is reached;
- (c) "development well" means a well that is bored, drilled or deepened for the purpose of producing from or extending a pool of oil or gas into which another well has already been bored or drilled;
- (d) "exploratory well" means a well that is bored, drilled or deepened for the purpose of discovering a pool of oil or gas;
- (e) "pooled spacing unit" means a spacing unit in which all the various interests have been pooled;
- (f) "pooling" means the joining or combining of all the various interests within a spacing unit for the purpose of drilling and subsequent producing of a well;
- (g) "target area" means the area within a spacing unit that is allocated for drilling a well;
- (h) "tract",

- (i) in the case of a standard 200 acre lot, means a unit of area obtained by the division of the lot into eight equal rectangular areas each being twenty-five acres more or less and each tract within the lot shall be described by number in the manner set forth in Schedule 3,
- (ii) in the case of a standard 100 acre lot, means a unit of area obtained by division of the lot into four equal rectangular areas each being twenty-five acres more or less and each tract within the lot shall be described by number in the manner set forth in Schedule 3, and
- (iii) in the case where the lot is not a standard 200 acre or 100 acre lot,

means a unit of area obtained by the division of the lot into such equal rectangular areas, as may be approved by the Minister;

- (i) "waste", in addition to its meaning as ordinarily understood in the oil and gas industry, includes,
  - (i) the inefficient, excessive or improper use or dissipation of reservoir energy,
  - (ii) the locating, spacing, drilling, equipping, operating or producing of any well or wells in a manner that causes or might cause a reduction in the quantity of oil or gas ultimately and economically recoverable from any pool,
  - (iii) the inefficient storing of oil or gas, whether on the surface or underground, and
  - (iv) the locating, spacing, drilling, equipping, operating or producing of any well or wells in a manner that causes or might cause unnecessary or excessive surface loss or destruction of oil or gas;
- (j) "water-covered area" means any area covered by flowing or standing water. O. Reg. 45/72, s. 1.

#### LICENSING

2.—(1) A licence to conduct geophysical or geochemical exploration for oil or gas shall be in Form 101 and the fee therefor is \$10.

(2) A licence to conduct geophysical or geochemical exploration for oil or gas shall be applied for by and issued to the person on whose behalf the exploration is being conducted.

(3) A licence in Form 101 expires with the 31st day of December of the year for which it is issued and is not transferable. O. Reg. 45/72, s. 2.

3.—(1) A licence to lease oil or gas rights from an owner other than the Crown shall be in Form 102 and the fee therefor is \$10.

(2) A licence in Form 102 expires with the 31st day of December of the year for which it was issued and is not transferable.

(3) A licence in Form 102 is issued subject to the condition that where the licensee leases oil or gas rights on behalf of another, the person on whose behalf he is leasing is also the holder of a licence in Form 102. O. Reg. 45/72, s. 3.

4.—(1) A licence for a machine for boring, drilling, deepening or plugging wells shall be in Form 103 and the fee therefor is \$10.

(2) A licence in Form 103 expires with the 31st day of December of the year for which it is issued.

(3) Where a transfer in ownership of a machine is effected, the Minister shall be notified within thirty days of such transfer.

(4) A licence in Form 103 shall be kept at the machine and be available for inspection.

(5) The owner of a machine shall comply with the drilling safety code in Schedule 1. O. Reg. 45/72, s. 4.

5.—(1) A licence to produce oil or gas for sale shall be in Form 104 and the fee therefor is \$10.

(2) A licence in Form 104 expires with the 31st day of December of the year for which it is issued and is not transferable. O. Reg. 45/72, s. 5.

6. A licence under section 2, 3, 4 or 5 is issued on the condition that the holder thereof complies with the Act, the regulations and any order of the Board. O. Reg. 45/72, s. 6.

#### IDENTIFICATION OF WELLS AND BATTERIES

7. The operator of every well or battery shall mark it with a prominent sign located in a conspicuous place showing the name of the operator and the name of the well or battery and shall maintain such sign until the well is plugged or the battery dismantled. O. Reg. 45/72, s. 7.

8. The length of a well name shall not exceed thirty-three characters and spaces, and such name shall not be changed without approval by the Minister. O. Reg. 45/72, s. 8.

#### RESTRICTED DRILLING AREAS

9. No person shall bore or drill an exploratory or development well,

- (a) within 150 feet of any high voltage power line, road allowance, railway, transmission pipeline or other utility right of way;
- (b) within 250 feet of any dwelling, commercial or industrial building, school, church or place of public assembly;
- (c) on land, within 350 feet of the shoreline; or

- (d) in water-covered areas, within one-half mile of the shoreline or within one-half mile of the International Boundary,

except where special circumstances exist that in the opinion of the Minister justify the drilling of a well within a lesser distance of any of the above-mentioned limits and a permit to do so has been granted. O. Reg. 45/72, s. 9.

#### SPACING

##### EXPLORATORY WELLS

10.—(1) Where an exploratory well is bored or drilled into and not below a formation of Devonian age, the well shall be on a pooled spacing unit of not less than  $6\frac{1}{4}$  acres and shall be located not closer than 200 feet to any boundary of the pooled spacing unit.

(2) Where an exploratory well is bored or drilled into and not below a formation of Silurian age, the well shall be on a pooled spacing unit of not less than twenty-five acres and shall be located not closer than 350 feet to any boundary of the pooled spacing unit.

(3) Where an exploratory well is bored or drilled into or below a formation of Ordovician age, the well shall be on a pooled spacing unit of not less than fifty acres and shall be located not closer than 350 feet to any boundary of either tract within the pooled spacing unit.

(4) An exploratory well shall be bored or drilled in the target area of a tract or quarter tract but the Minister may approve a deviation from the target area of a tract or quarter tract where conditions require such deviation.

(5) The Minister may issue a permit to bore, drill or deepen an exploratory well that does not comply with this section subject to the condition that there is no production from the well until a pooled spacing unit that complies with this section has been established. O. Reg. 45/72, s. 10.

11. Where an exploratory well is bored or drilled in a water-covered area, the well shall be located not closer than 1320 feet to the boundary of the area described in the licence of occupation. O. Reg. 45/72, s. 11.

12.—(1) Where an operator discovers a pool on land capable of producing oil or gas, any person having oil or gas rights in respect of the pool may apply to the Minister for the establishment of spacing units and where no other person has applied within ninety days of the discovery, the person who discovered the pool shall apply, unless otherwise instructed by the Minister.

(2) An application shall be accompanied by a plan of the lands comprising the probable area of the pool, certified by an Ontario land surveyor or pro-

professional engineer qualified to practise in Ontario or other person acceptable to the Minister, showing,

- (a) the location of the well in relation to the boundaries of the lands, roadways and topographical features of the area;
- (b) the names of all persons having oil and gas rights in respect of the pool; and
- (c) a description of the interests of such persons.

(3) The applicant shall serve a true copy of the application and plan upon the persons mentioned in clause (2) (b) within five days after making the application.

(4) Except where the Minister has otherwise instructed, no person shall bore or drill a development well into a pool referred to in subsection (1) until the application has been made and disposed of. O. Reg. 45/72, s. 12.

**13.** Where an operator discovers a pool in a water-covered area capable of producing gas, the Minister may require the establishment of spacing units. O. Reg. 45/72, s. 13.

#### DEVELOPMENT WELLS

**14.—(1)** This section applies only where a development well is bored or drilled into a pool in respect of which a regulation establishing spacing units has not been made.

(2) Where a development well is bored or drilled into and not below a formation of Devonian age, the well shall be on a pooled spacing unit of not less than  $6\frac{1}{4}$  acres and shall be located not closer than 200 feet to any boundary of the pooled spacing unit.

(3) Where a development well is bored or drilled into or below a formation of Silurian age, the well shall be on a pooled spacing unit of not less than twenty-five acres and shall be located not closer than 350 feet to any boundary of the pooled spacing unit. O. Reg. 45/72, s. 14.

#### OTHER WELLS

**15.** Where a well is not classified as an exploratory well or a development well and is drilled,

- (a) for the storage of hydrocarbons;
- (b) for the secondary recovery of oil;
- (c) for the production of brine;
- (d) for the testing of subsurface structures;
- (e) for the injection of fluid;
- (f) for the disposal of mineral waters; or

(g) for observation,

the location of the well shall be subject to approval by the Minister. O. Reg. 45/72, s. 15.

#### BONDING

**16.—(1)** Subject to subsection (3), a permit to bore, drill or deepen a well shall not be issued to a lessee unless the applicant has deposited in respect of the well with the Treasurer of Ontario,

- (a) cash, or bonds of the Province of Ontario or Ontario Hydro; or
- (b) an irrevocable letter of credit issued and guaranteed by a branch of a Canadian chartered bank situate in the City of Toronto in The Municipality of Metropolitan Toronto requiring the branch to pay on demand a bill of exchange payable to the Treasurer of Ontario drawn by the Deputy Minister of Natural Resources on the branch,

in the amount of \$500, or where the well is in a water-covered area \$20,000, as security for the completion of the works in accordance with the Act, the regulations and any order of the Board. O. Reg. 45/72, s. 16 (1); O. Reg. 619/73, s. 1 (1).

(2) The lessee shall deposit with the Minister such further security as the Minister may require in order to maintain the market value of the security deposited under clause (1) (a) at not less than the amount of security required to be deposited under subsection (1). O. Reg. 619/73, s. 1 (2).

(3) The total amount deposited by a person under subsection (1) shall not exceed \$5,000 in respect of wells on land or \$200,000 in respect of wells in water-covered areas. O. Reg. 45/72, s. 16 (2).

(4) The Treasurer of Ontario shall return the security deposited in respect of a well,

- (a) if the amount returned does not reduce the total security deposited by the person in respect of other wells to less than the amount determined under subsections (1), (2) and (3); and
- (b) the Minister certifies that the well is plugged in accordance with the Act, the regulations and any order of the Board; or
- (c) the well is sold by the lessee to the owner of the land on which the well is situate.

O. Reg. 45/72, s. 16 (3); O. Reg. 619/73, s. 1 (3)

(5) Where the Minister takes possession of a well under section 38 or 42, there is forfeited and shall be paid to the Treasurer of Ontario such sum as the

Minister determines, not exceeding \$500 where the well is on land or \$20,000 where the well is in a water-covered area, out of the total security deposited by the operator. O. Reg. 45/72, s. 16 (4).

(6) Where there has been a forfeiture under subsection (5), every permit to bore, drill or deepen a well and every licence to produce oil or gas held by the person who deposited the security forfeited or cancelled is suspended until the total amount of the security required by subsections (1), (2) and (3) is restored.

(7) The Treasurer of Ontario may sell any bonds deposited and forfeited under this section at the current market price. O. Reg. 619/73, s. 1 (4), *part*.

(8) Where the owner of the land on which a well drilled after the 30th day of August, 1962 is situate, sells the well or leases the oil or gas rights, the purchaser or lessee shall deposit in respect of the well, security in the amount prescribed by this section. O. Reg. 45/72, s. 16 (9).

#### DRILLING AND COMPLETION

**17.—(1)** An application for a permit to bore, drill or deepen a well shall be made in duplicate in Form 105.

(2) Where the application is in respect of a well on land it shall be accompanied by a scaled plan certified by an Ontario land surveyor or other person acceptable to the Minister showing,

- (a) exact co-ordinates of the well from two intersecting sides of the lot;
- (b) the elevation above sea level of the well site including the datum from which it is derived;
- (c) where the tract and spacing unit are within a township lot, the position of the tract and spacing unit within the lot; and
- (d) such further information as the Minister may require.

(3) The holder of the permit shall forthwith notify the inspector in writing of any change in the information supplied on Form 105 or the accompanying scaled plan and shall not commence drilling unless the inspector approves such changes.

(4) A permit to bore, drill or deepen a well shall be in Form 106 and the fee therefor is \$15 and the permit is not transferable. O. Reg. 45/72, s. 17.

**18.—(1)** The operator shall notify the inspector before commencing drilling, boring or deepening operations and such notice shall be given in the forty-eight hour period preceding commencement.

(2) When a well is in the process of being bored, drilled, deepened, worked over or plugged, the operator shall keep at the well or at his field office, provided it is within reasonable distance of the well, a daily record of the operations.

(3) The daily record shall set out complete information on all operations carried on during the day and, without restricting the generality of the foregoing, shall include,

- (a) the depth at the beginning of the day or shift;
- (b) the depth at the end of the day or shift;
- (c) the diameter of the hole;
- (d) any change in casing;
- (e) if casing is set, all information regarding the setting including size, type, grade and weight of casing, whether the casing is new or used, and the depth at which it is set;
- (f) particulars of cementing;
- (g) the depth at which any showing, however small, of oil, gas or water is encountered, and the flows, pressures and levels thereof; and
- (h) a report of each log, survey, formation test, deviation test or other test taken or made.

(4) Any suspension of operations shall be noted on the daily record.

(5) The record kept shall note and describe, in addition to drilling operations, all other operations carried on, including fishing, shooting, perforating, acidizing, fracturing, surveying and plugging.

(6) The record required by this section shall be available to an inspector at all reasonable times. O. Reg. 45/72, s. 18.

**19.** Before commencing to bore, drill or deepen a well, a proper and adequate slush pit or pits shall be constructed for the reception of all drill cuttings and fluids from the well. O. Reg. 45/72, s. 19.

**20.** The operator shall ensure that all casing, tubing and equipment used in the drilling of a well is in good condition and adequate for the depths to be drilled and the pressures that may be encountered. O. Reg. 45/72, s. 20.

**21.** The operator of a well shall plan and effect a casing and cementing program for the well to protect all fresh water horizons and all potential oil-bearing or gas-bearing horizons penetrated during drilling operations and to prevent the migration of oil, gas or water from one horizon to another. O. Reg. 45/72, s. 21.

**22.—**(1) The operator of a well shall ensure that all fluid produced or recovered from a well during drilling operations is disposed of in a manner that will not interfere with the rights of any person.

(2) The operator of a well shall ensure that salt water, drilling fluid, oil, refuse and any flammable products from a well are not handled or disposed of so as to,

- (a) create or constitute a hazard to public health or safety;
- (b) run into or contaminate any fresh water horizon or body of water or remain in a place from which it might contaminate any fresh water or body of water; or
- (c) run over or damage any land, road, building or structure. O. Reg. 45/72, s. 22.

**23.—**(1) The operator of a well shall take every precaution to ensure that the well does not flow uncontrolled.

(2) The operator shall report to the Ministry immediately any well flowing uncontrolled. O. Reg. 45/72, s. 23.

**24.** The operator of a producing well shall ensure that,

- (a) strings of casing intermediate between the producing casing and the surface casing are not recovered unless all horizons containing oil, gas or mineral water are cemented off or otherwise separated to the satisfaction of the inspector; and
- (b) the surface casing is not recovered. O. Reg. 45/72, s. 24.

**25.** At the end of every drilling or plugging operation or as soon as weather and ground conditions permit, the operator shall,

- (a) clear the area around the well of all refuse material;
- (b) burn or remove waste oil;
- (c) drain and fill in excavations;
- (d) where the pits contain salt or other chemicals which may inhibit plant growth, clean out such pits before filling;
- (e) remove concrete bases, machinery and materials; and
- (f) level the surface to leave the site as nearly as is reasonably possible in the condition in which it was when drilling operations were commenced. O. Reg. 45/72, s. 25.

#### WELL BLOWOUT PREVENTION

**26.—**(1) The operator of a well being bored, drilled, deepened, tested, completed, stimulated or worked over shall provide and maintain casing and blowout prevention equipment in such condition that any oil, gas or water encountered can be effectively controlled.

(2) The operator shall ensure that blowout prevention equipment is adequate, having regard to the depth to be drilled, the expected pressure and the necessity in case of blowout of obtaining a shutoff of the open hole or around any equipment being employed in the well.

(3) The blowout prevention equipment shall include two steel lines, separately connected to the blowout preventer assembly, one for bleeding off pressures and one for killing the well, and shall be,

- (a) located below at least one set of blowout preventers;
- (b) of a diameter of at least two inches; and
- (c) of components and material having a working pressure equal to that of the blowout preventers.

(4) The operator shall locate all manual controls for mechanically operated blowout preventers at least two feet outside the substructure and when such blowout preventers are used at a well that is being tested, completed or worked over, the controls shall be at least ten feet from the well.

(5) While a well is being drilled, the operator shall test blowout prevention equipment daily and record the results of such tests in the daily record.

(6) Where an inspector considers that the casing or blowout prevention equipment at a well is not adequate, he may tag the well. O. Reg. 45/72, s. 26.

#### WATER-COVERED AREAS

**27.—**(1) In this section, "well" means a well in a water-covered area.

(2) An applicant for a permit to bore, drill or deepen a well shall furnish proof to the satisfaction of the Minister that he has subsisting liability insurance of at least \$1,000,000 that provides compensation for all damage caused by the drilling operations, or caused by any vessel, craft or barge used to transport men or materials to the site of the production operations.

(3) An applicant for a licence to produce oil or gas from a well shall furnish proof to the satisfaction of the Minister that he has subsisting liability insurance of at least \$1,000,000 that provides compensation for all damage caused by the pro-

duction operations, or caused by any vessel, craft or barge used to transport men or materials to the site of the production operations.

(4) A licence for a machine for boring, drilling, deepening or plugging a well is issued on the condition that the machine is not used to bore, drill, deepen or plug a well unless the licensee furnishes proof to the satisfaction of the Minister that he has subsisting liability insurance of at least \$1,000,000 that provides compensation for all damage caused by the machine, or by any vessel, craft or barge used to transport men or materials to the machine.

(5) Prior to applying for a permit to bore, drill or deepen a well, the operator shall submit, in duplicate, to the Minister, plans and specifications of the proposed wellhead assembly.

(6) The well location shall be verified by survey, with the drilling rig on location and a copy of this survey shall accompany Form 107.

(7) When an operator has encountered oil in a well or is boring, drilling or deepening a well in an area where oil may reasonably be expected to be encountered, he shall, in addition to the requirements of the other provisions of this Regulation, provide in operating condition oil-saving equipment, discharge equipment and emergency oil storage.

(8) The operator of a well shall ensure that the production casing is cemented to surface before production commences.

(9) The operator of a producing well shall ensure that,

- (a) the wellhead is encased below the bed of the body of water; or
- (b) the over-all height of the wellhead assembly above the bed of the body of water is kept to a minimum and in any event does not exceed five feet.

(10) Where the area in which the well is located is designated by the Minister as a primary trawling area, the wellhead shall be fitted with a trawl deflector of a design approved by the Minister.

(11) Where the area in which the well is located is designated by the Minister for other types of commercial fishing, the wellhead shall be fitted with a protective device of a design approved by the Minister.

(12) At the end of every drilling or plugging operation, the operator of the well shall ensure that any platform, piling, anchor-post or other obstruction is removed as soon as is reasonably possible, and in any case within thirty days, but a permanent platform of a design approved by the Minister may be installed for the production of oil or gas.

(13) The operator shall mark each wellhead with a buoy marker of a design approved by the Minister and shall maintain such marker.

(14) Each marker shall be identified as to company name and well name.

(15) No persons shall remove or damage a marker erected under subsection (13), other than the operator who is required to maintain the marker.

(16) When a well is plugged, the operator shall cut off any casing left in the well at or below the bed of the body of water. O. Reg. 45/72, s. 27.

#### DEVIATION AND DIRECTIONAL SURVEYS

**28.**—(1) In the case of a rotary drilled well, the operator of a well shall, where so directed by the Minister, make or cause to be made, deviation tests during drilling at intervals not exceeding 500 feet from the top to the bottom of the well, for the purpose of ascertaining deviation from the vertical, and when the Minister so requires shall make, or cause to be made, a directional survey of the well.

(2) Where the operator of a well fails to make a deviation test or survey required by subsection (1), the Minister may order that,

- (a) no further drilling be conducted at the well; or
- (b) where the well has been placed on production, no further production be taken,

until the test or survey is made.

(3) Immediately upon making a directional survey of a rotary drilled well, the operator shall make a report in writing to the Minister setting out the manner in which the survey was made and the results thereof.

(4) The Minister may order the operator of a well to make such further tests or surveys as he deems necessary, and may give directions as to the manner in which such tests or surveys shall be made. O. Reg. 45/72, s. 28.

#### PRODUCTION

**29.** Before production from a well commences, the operator shall arrange the surface equipment so as to permit,

- (a) the measurement of the tubing and casing pressure;
- (b) the measurement of the open flow; and
- (c) the sampling of oil, gas and water. O. Reg. 45/72, s. 29.

**30.**—(1) The operator of a producing oil or gas well shall keep at an office within Ontario, in a form

satisfactory to the Minister, complete and accurate records of the well showing,

- (a) the quantities of oil, gas and water produced;
- (b) the average separator pressure if a separator is in use;
- (c) full particulars of the disposition of all products of the well; and
- (d) where the product is sold, the name of the purchaser and amount realized from the sale,

but, where group production has been approved by the Minister, such records shall be kept for the group of wells and all records shall be available for examination at all reasonable times by the Minister or his representative.

(2) An operator referred to in subsection (1) may be required to file with the Minister copies of any or all records required under the subsection.

(3) The operator of a producing oil or gas well shall measure the production of oil, gas and water from the well in accordance with standard field practices, but the Minister may permit him to commingle such production with production from another well or wells prior to measurement. O. Reg. 45/72, s. 30.

31. The operator of a well shall use every possible precaution to prevent waste of oil or gas in production operations and in storing or piping oil or gas, and shall not use oil or gas wastefully or allow it to leak or escape from natural reservoirs, wells, tanks, containers or pipes. O. Reg. 45/72, s. 31.

32.—(1) The operator of a well shall ensure that all water produced from a well is disposed of in a manner that will not interfere with the rights of any person.

(2) The operator of a well shall ensure that salt water, oil, refuse and any flammable products from a well, tank or other production installation are not handled or disposed of so as to,

- (a) create or constitute a hazard to public health or safety;
- (b) run into or contaminate any fresh water horizon or body of water or remain in a place from which it might contaminate any fresh water or body of water; or
- (c) run over or damage any land, road, building or structure.

(3) The operator of a well shall ensure that all rubbish, debris and oily refuse from a well or tank or resulting from any operation at a well is,

- (a) removed immediately at least 150 feet from buildings, tanks, wells, pump stations or other sources of ignitable vapours; and
- (b) immediately thereafter burned or disposed of in such other manner that no fire hazard is created and no fresh water is polluted. O. Reg. 45/72, s. 32.

33. Where a brine-storage tank is installed at a well site or battery site, it shall be above ground level, and be provided with a dike having a volume capacity 25 per cent greater than the capacity of the tank. O. Reg. 45/72, s. 33.

34. The operator of a well shall ensure that,

- (a) oil is not stored in open excavations or open containers, or otherwise stored so as to create a hazard;
- (b) oil tanks or batteries of tanks are surrounded by a dike, having a volume capacity 25 per cent greater than the capacity of the tanks or batteries, and kept free of high grass, weeds and combustible material;
- (c) all wellheads, gathering lines, battery equipment and services are designed, constructed, installed, operated and maintained in accordance with sound engineering practice, and so as to prevent hazards to surrounding property;
- (d) oil storage tanks are located at least fifty feet from any high voltage power line, road allowance, railway, transmission pipe line or other utility right of way and at least 250 feet from any dwelling, commercial or industrial building, school, church or place of public assembly;
- (e) any significant volume of gas vented to the atmosphere during production is flared;
- (f) all flare pits and ends of flare lines are so constructed and safeguarded that there is no hazard to property, crops or trees and are located at least seventy-five feet from any high voltage power line, road allowance, railway, transmission pipe line or other utility right of way and at least 150 feet from any dwelling, commercial or industrial building, school, church or place of public assembly; and
- (g) except with the consent of the landowner, all flow lines and gathering lines located outside well sites and battery sites are buried below plough depth. O. Reg. 45/72, s. 34.

35. The operator of a well shall ensure that,

- (a) all fires used by him for any purpose are safeguarded by sufficient mechanical or

other means so as to create no hazard to surrounding property;

- (b) no open-element electric heater or flame-type stove heater, treater or other flame-type equipment is placed or remains within fifty feet of a well, separator, storage tank or any unprotected source of ignitable vapour;
- (c) no treater is placed or remains within fifty feet or any type of direct-fired heater;
- (d) no treater is placed or remains within ten feet of any other treater or indirect-fired heater;
- (e) no separator is located within the dike surrounding a storage tank installation;
- (f) no flare pit or open end of a flare line is located or remains nearer to a treater than fifty feet or nearer to a well or any unprotected source of ignitable vapour than 100 feet;
- (g) all vessels and equipment from which ignitable vapours may issue are safely vented to the atmosphere;
- (h) no person enters any tank or other container used for the storage of oil or any product of oil unless all fumes have been removed or the person is wearing a mask and is attended by two other persons;
- (i) all electric motors within twenty-five feet of a well or any unprotected source of ignitable vapour are so constructed or enclosed as to be gas-tight and spark-proof;
- (j) the exhaust pipes of internal combustion engines located within fifty feet of a well or any unprotected source of ignitable vapour are either insulated or sufficiently cooled to prevent ignition of flammable material;
- (k) the exhaust pipes of internal combustion engines located within twenty-five feet of a well are equipped with a spark arrester and are either insulated or sufficiently cooled to prevent ignition of flammable material; and
- (l) explosives are stored not less than 500 feet from any place where production is being carried on. O. Reg. 45/72, s. 35.

#### WELL TESTS

36.—(1) This section does not apply to gas storage wells.

(2) The operator of an oil producing well shall give an inspector reasonable notice of any downhole test or gas-oil ratio test to be taken at the well, and each test may be witnessed or observed by an inspector or other representative of the Ministry.

(3) The operator of a gas producing well shall give an inspector reasonable notice of any downhole test or back-pressure test to be taken at the well, and each test may be witnessed or observed by an inspector or other representative of the Ministry.

(4) Shut-in pressures on each gas producing well shall,

- (a) where the well is on land, unless exempted by the Minister, be taken by the operator annually and be reported to the Minister on Form 109; or
- (b) where the well is in a water-covered area and where the Minister so requires, be taken by the operator annually and be reported to the Minister on Form 109; and
- (c) be taken with a dead-weight gauge or other equipment approved by the Minister, after the shut-in time required to reach stabilization or twenty-four hours, whichever is the lesser.

(5) The operator of a gas producing well shall, where the Minister so requires, determine the open-flow potential of the well and report to the Minister. O. Reg. 45/72, s. 36.

#### DISPOSAL

37.—(1) No person shall dispose of mineral water in an underground formation without the approval of the Minister.

(2) Wells for the disposal of mineral water shall be cased and cemented in such a manner as to prevent the mineral water from entering any formation not approved for the purpose under subsection (1). O. Reg. 45/72, s. 37.

#### PLUGGING AND CORRECTION

38.—(1) The operator of a dry well shall plug the well in a manner prescribed by this Regulation forthwith after drilling operations cease.

(2) Where, in the opinion of the Minister, the operations in respect of a well, whether drilling, producing or completing, have been discontinued or delayed for an unreasonable period of time, he may by notice in writing sent by registered mail to the operator or, where the name and address of the operator is not known to the Minister, sent to the owner of the lands on which the well is situate, require that the well be plugged within thirty days after the notice is sent.

(3) If within thirty days after the notice is sent, the well is not plugged or the operator fails to show cause to the satisfaction of the Minister for not plugging the well, the Minister may take possession of the well.

(4) The Minister may, on condition that the operator post a bond of the type mentioned in clause 16 (1) (a) as security for the plugging of the well in an amount not to exceed \$500 where the well is on land or \$5,000 where the well is in a water-covered area, extend the time for plugging any well, or the Minister may extend the time on such other terms and conditions as he considers advisable.

(5) Where the Minister takes possession of a well under subsection (3) he may plug the well and sell any salvage therefrom or he may sell the well.

(6) The Minister may recover from the operator of the well,

- (a) the expenses incurred in plugging the well, where there is no sale of salvage; or
- (b) the excess of the expenses over the net proceeds of the sale, where there is a sale.

**39.** The last operator of a well shall plug or replug the well in accordance with this Regulation. O. Reg. 45/72, s. 39.

**40.—(1)** Every person who plugs a well shall do so in a manner that,

- (a) ensures protection for potential oil or gas producing horizons;
- (b) prevents the migration of oil, gas or water from one horizon to another;
- (c) constitutes no hazards to users of the surface; and
- (d) seals off horizons from those above and below.

(2) Without restricting the requirements of subsection (1), a well shall be plugged in the manner specified in Schedule 2. O. Reg. 45/72, s. 40.

**41.** No person shall commence to plug a well until he has given notice to the inspector of the manner in which the plugging is to be carried out. O. Reg. 45/72, s. 41.

**42.—(1)** Where a work is not in compliance with the Act, the regulations or any order of the Board and if after notice thereof is given by registered mail to the operator or, where the name and address of the operator is not known to the Minister, is given to the owner of the lands on which the work is situate, the non-compliance is not corrected in the time specified in the notice, the Minister may take possession of the work and may,

- (a) cause such things to be done as are necessary to make the work conform to the Act, the regulations and any order of the Board; or

(b) remove and sell the work or any part of it.

(2) The Minister may recover from the operator of the work,

- (a) the expenses incurred in any action taken under subsection (1), where there is no sale; or
- (b) the excess of the expenses over the net proceeds of the sale, where there is a sale.

O. Reg. 45/72, s. 42.

**43.—(1)** No person shall be liable to the Minister for the expenses incurred under section 38 or 42 until notice has been given and there has been default in complying with the notice.

(2) Notwithstanding subsection (1) and sections 38 and 42, where, in the opinion of the Minister, a well or other work is an immediate hazard to life or a serious threat to property, the Minister may take immediate action to remove or reduce the hazard or threat and the operator of the well or other work is liable for the expenses incurred by the Minister therefor. O. Reg. 45/72, s. 43.

**44.** The expenses incurred by the Minister in any action taken under subsection 38 (5) or under subsection 42 (1) where there is no sale or the excess of the expenses over the net proceeds where there is a sale are a lien and charge upon the estate or interest of the operator in the land upon which the work or well is situate, and where the Minister gives notice in writing to the clerk of the municipality in which the land is situate, of the amount due and of the person by whom it is due and of the lands upon which the lien is claimed, the clerk shall enter the amount upon the collector's roll and the same shall be collected in the same way, as nearly as may be, as municipal taxes are collected. O. Reg. 45/72, s. 44.

#### REPORTS

**45.** The holder of a licence in Form 101 shall make a report to the Minister on or before the 15th day of February in each year setting out in respect of the previous licence year,

- (a) the exploration methods used;
- (b) the number of crew-months worked;
- (c) the number of acres or linear miles explored in each municipality;
- (d) the name of any person with whom the licensee has contracted to conduct geo-physical or geochemical exploration for oil or gas on behalf of the licensee; and
- (e) a map of the area explored showing the locations where data were observed and recorded. O. Reg. 45/72, s. 45.

46. The holder of a licence in Form 102 or his employer shall make a report to the Minister on or before the 15th day of February in each year, setting out in respect of the previous licence year, the total acreage leased in each municipality. O. Reg. 45/72, s. 46.

47. Every operator shall, within thirty days after the end of boring, drilling or deepening operations, forward or deliver to the Ministry at the operator's expense,

- (a) samples of drill cuttings taken throughout the depth of the well from each run or from intervals of not more than ten feet, and such samples shall be washed, dried and bagged in a bag provided by the Minister and accurately labelled by the operator with the name of the well and the depth interval;
- (b) representative core chips but from intervals of not more than two feet and such chips shall be washed, dried and bagged in a bag provided by the Minister and accurately labelled by the operator with the name of the well and the depth interval;
- (c) a complete record in duplicate in Form 107;
- (d) in the case of exploratory wells, samples of not less than one gallon of oil and two quarts of water recovered from below the top of the Trenton formation; and
- (e) at the request of the Minister, samples of any oil, gas or water recovered from any well. O. Reg. 45/72, s. 47.

48.—(1) The operator shall supply to the Minister within thirty days after the end of boring, drilling or deepening operations,

- (a) a copy of all drill-stem test reports and of the pressure charts for each drill-stem test taken at the well; and
- (b) a list of the drill-stem tests taken at the well indicating the chronological sequence and depth interval of each drill-stem test.

(2) During any period of testing following completion of a well or following working over of a well, the operator shall maintain a record of the production which shall be available to the Ministry.

(3) Where an operator has completed a gas well with an estimated open flow in excess of one million cubic feet per day, the operator shall determine the deliverability of the well according to recognized standards of back-pressure testing and shall report the observed field data to the Minister. O. Reg. 45/72, s. 48.

49. Where any log or survey is taken in a well, two final copies of the log or survey shall be supplied to

the Minister by the operator within thirty days after the log or survey has been made. O. Reg. 45/72, s. 49.

50. Where a well is worked over, stimulated, plugged-back or re-cased, the operator shall make a report to the Minister within thirty days in Form 107. O. Reg. 45/72, s. 50.

51. When an operator has caused a core analysis or any other analysis to be made, he shall submit a copy thereof to the Minister within thirty days. O. Reg. 45/72, s. 51.

52. When an operator has caused a test to be made he shall submit the observed data to the Minister within thirty days. O. Reg. 45/72, s. 52.

53.—(1) Where cores are taken, the operator shall pack them in numbered boxes, accurately labelled showing the name of the well and the depth interval, and the boxes shall be protected from damage and stored by the operator.

(2) No core shall be destroyed, except for the purpose of analysis.

(3) Where cores are no longer required by the operator for the purpose of analysis, the Minister may instruct the operator to forward them to the Ministry at the operator's expense.

(4) No person shall remove a core from Ontario without the written approval of the Minister. O. Reg. 45/72, s. 53.

54. The operator of a well shall, upon the request of the Minister, determine the measurement of oil, gas and water produced by the well and report the determination to the Minister. O. Reg. 45/72, s. 54.

55.—(1) Every producer of oil for sale shall, on or before the 15th day of February in each year, make a report in triplicate to the Minister in Form 108, in respect of the preceding calendar year.

(2) Every producer of gas for sale shall, on or before the 15th day of February in each year, make a report in triplicate to the Minister in Form 109, in respect of the preceding calendar year.

(3) Every producer of oil or gas shall maintain a map or maps of his production and collection systems and such map or maps shall be available for examination at all reasonable times by the Minister or his representative. O. Reg. 45/72, s. 55.

56.—(1) The operator of an injection well used to repressure, maintain pressure in or flood any oil or gas horizon shall keep at the well, or at his field office, a record in a form satisfactory to the Minister showing,

- (a) the total volume of fluid or other substance injected into the well;

- (b) the source from which the fluid or other substance was obtained;
- (c) the average daily injection rate;
- (d) the average injection pressure; and
- (e) particulars of any treatment to which the fluid or other substance has been subjected.

(2) An annual summary of the data required in subsection (1) shall be forwarded to the Minister on or before the 15th day of February in each year in respect of the preceding calendar year. O. Reg. 45/72, s. 56.

**57.**—(1) The operator of a well for the disposal of mineral water shall keep at the well, or at his field office, a record in a form satisfactory to the Minister showing,

- (a) the total volume of fluid injected into the well;
- (b) the source from which the fluid was obtained;
- (c) the average daily injection rate; and
- (d) the average injection pressure.

(2) An annual summary of the data required in subsection (1) shall be forwarded to the Minister on or before the 15th day of February in each year in respect of the preceding calendar year. O. Reg. 45/72, s. 57.

**58.** Where a well is plugged, the operator or person who plugs the well shall make a report to the Minister within thirty days in Form 110. O. Reg. 45/72, s. 58.

#### RELEASE OF INFORMATION

**59.**—(1) Except where the operator consents in writing to release at an earlier date, information obtained from an operator and recorded with the Ministry shall not be released except in accordance with the provisions of subsections (2), (3), (4), (5), (6) and (7).

(2) The following information shall not be released:

- 1. All operators' pool studies and reserve estimates, unless filed at a public hearing or inquiry.
- 2. Crown Reserve estimates.
- 3. All information submitted to the Ministry not required by regulation, obtained at extra expense to the operator and requested to be held confidential.

(3) Where a well is classified by the Ministry as an exploratory well, the following information respecting it shall be held confidential for one year from its completion date:

- 1. Connate water determinations and other liquid saturation measurements.
- 2. Drill-stem test data.
- 3. Core analyses.
- 4. Oil, gas and water, and pressure-volume-temperature analyses.
- 5. Static top hole or bottom hole pressure data.
- 6. Flowing and other special bottom hole pressure data gathered by the Ministry.
- 7. Back pressure test data.
- 8. Perforations, well treatments, cored intervals and abandonment details.
- 9. Logs, except those logs which in the opinion of the Minister, are obtained solely for geophysical purposes.
- 10. Geological markers.
- 11. Drill cutting samples and core and information from drill cutting samples and core preserved by the Ministry.

(4) Where a well is classified by the Ministry as a development well, the following information respecting it shall be held confidential for at least thirty days after the completion date of the well and in any event not be released prior to the release of information respecting the discovery well:

- 1. Connate water determinations and other liquid saturation measurements.
- 2. Drill-stem test data.
- 3. Core analyses.
- 4. Oil, gas and water and pressure-volume-temperature analyses.
- 5. Static top hole or bottom hole pressure data.
- 6. Flowing and other special bottom hole pressure data gathered by the Ministry.
- 7. Back pressure test data.
- 8. Perforations, well treatments, cored intervals and abandonment details.

9. Logs, except those logs which in the opinion of the Minister, are obtained solely for geophysical purposes.
10. Geological markers.
11. Drill cutting samples and core and information from drill cutting samples and core preserved by the Ministry.

(5) The following information shall be held confidential for one year after the date of receipt by the Ministry.

1. Daily production rates.
2. Secondary recovery data for individual wells or systems.
3. Annual geophysical and geochemical reports as required by section 45.
4. Annual leasing reports as required by section 46.

(6) The following information shall not be held confidential:

1. Applications and submissions presented at a public hearing.
2. Monthly and annual production data.
3. Mineral water disposal data for individual wells or systems.
4. Storage data for gas or liquified petroleum gases.

(7) Logs that, in the opinion of the Minister, are obtained solely for geophysical purposes shall be held confidential for twenty-four months after the date of logging. O. Reg. 45/72, s. 59.

#### REPORT OF ACCIDENT

60. The operator shall report to an inspector immediately and shall report further by letter, any fire or explosion or any accident causing personal injury requiring medical treatment that occurs at a drilling rig, oil or gas well, production line, field battery installation, field storage tank or other work owned, operated or controlled by the operator. O. Reg. 45/72, s. 60.

#### OFFENCES

61. A tag attached to a work under section 7 of the Act shall be in Form 111. O. Reg. 45/72, s. 61.

62.—(1) A person who is required under this Regulation to file a record, return or report and fails to do so shall, upon the written demand of the Minister, file the record, return or report within such reasonable time as the Minister stipulates.

(2) A demand under subsection (1) shall be deemed to be made if mailed by registered mail addressed to the last known address of the person upon whom it is being made. O. Reg. 45/72, s. 62.

#### Schedule 1

#### DRILLING SAFETY CODE

1. Every owner of a machine for boring, drilling, deepening or plugging wells shall take all necessary measures to enforce this Schedule and to ensure that it is observed by every employee under his control.

2. Every employee of the owner shall take all measures to carry out his duties in accordance with such rules as are applicable to the work in which he is engaged.

3. No machine, tool or other equipment shall be used if it is unsafe, or not so constructed or operated that it is reasonably safe for persons employed on or around a machine for boring, drilling, deepening or plugging wells.

4. No spudding or drilling shall be commenced until all moving parts of machinery used in the spudding or drilling are guarded and until all necessary floors, stairways and handrails are installed.

5. Every floor, walk, ladder or platform shall be constructed of sound material in conformance with good practice, and shall be kept in good repair.

6. Every drilling floor shall have an exit on at least two sides, and doors on the exits shall open outwards and shall be kept unlocked when any person is on the drilling floor.

7. Doghouses shall have a second exit on the side away from the drilling floor, which shall open outwards and be unlocked when any person is on the drilling floor.

8. All platforms used in connection with rotary machines shall be adequately constructed and properly fastened and provided with safety railings at least three feet high.

9. A safety belt shall be provided for and worn by each person working above the derrick floor, and shall be kept in good repair and shall be securely fastened to the derrick or mast.

10. Hard hats shall be worn by all persons on or around the machine during erection, operation, maintenance or dismantling.

11. Safety goggles shall be provided by the owner of the machine and shall be worn by persons employed on or around the machine engaged in mixing chemicals, welding, chipping, grinding, ham-

mering, dressing bits or other operation hazardous to the eyes.

12. All tools and equipment shall be kept in good repair.

13. The machine shall have at least two, ten-pound fire extinguishers of the sodium bicarbonate-carbon dioxide type readily available to the drilling floor.

14. No person shall smoke on the drilling floor, or within fifty feet of a wellhead where gas may be exposed to the atmosphere.

15. Pipe racks shall be adequately constructed and provision shall be made for the clearing or pinning of material on the rack to prevent lateral movement except when required.

16. All chain drives, belt drives, pinions, gears, couplings and other moving parts of the machine shall be covered or fitted with guards, adequate to prevent injury to personnel.

17. Where the owner of the machine requires that only his employees, inspectors and other persons authorized by him may have admittance to the well site, he shall erect notices to that effect.

18. The owner of the machine shall provide a medical kit at the machine and shall maintain an adequate stock of materials in it.

19. Forges and light plants shall not be within fifty feet of the well, and in no case shall be operated when oil or gas from the well may be directed toward them.

20. Flame-type or open-element heaters shall not be operated when oil or gas from the well may be directed toward them and in no case shall they be located on the rig floor.

21. No explosives shall be stored within 500 feet of any well being drilled.

22. In a water-covered area, the foregoing shall apply only to the deck area and above or in such areas as designated by the Minister.

23. No welding shall be done when oil or gas may be exposed to the atmosphere.

24. Light bulbs located on or above the rig floor shall have a protective guard or cover. O. Reg. 45/72, Sched. 1.

## Schedule 2

### WELL PLUGGING CODE

1. Casing, tubing and foreign material shall be removed from the well sufficiently to conform to the requirements of subsection 40 (1).

2. The plugging material shall be cement, without the addition of gravel or any non-drillable material, and with the addition of such special-purpose additives as may be required for acceleration, viscosity-reduction, etc.

3. Cement shall be in the form of a water-base slurry, having a minimum weight of 14.5 pounds per U.S. gallon.

4. Bridges shall be of wood or stone or gravel, or lead where required, or any combination of these or a special bridging device, but shall not include any non-drillable material.

5. Cement shall be deposited by displacement through tubing or drill pipe or dump-bailer, except that in holes where no liquid or salt is present and which are more than four inches in diameter, deposition may be by gravity flow using a viscosity-reducing agent.

6. The Inspector may require that any plug be located.

7. The intervals between plugs shall be filled with water or drilling mud.

8. Cement plugs shall be set above and below each fluid (porous) zone and in addition shall be set across each oil and gas zone.

9. Cement plugs shall extend a minimum distance of twenty-five feet above and twenty-five feet below fluid zones.

10. In addition to plugs required by section 8, plugs shall be set in the top of the Cambrian, Trenton, Queenston, Cataract, Guelph, Salina, Dundee and bedrock formations, and the base of the Guelph, and such plugs shall have a minimum thickness of twenty-five feet.

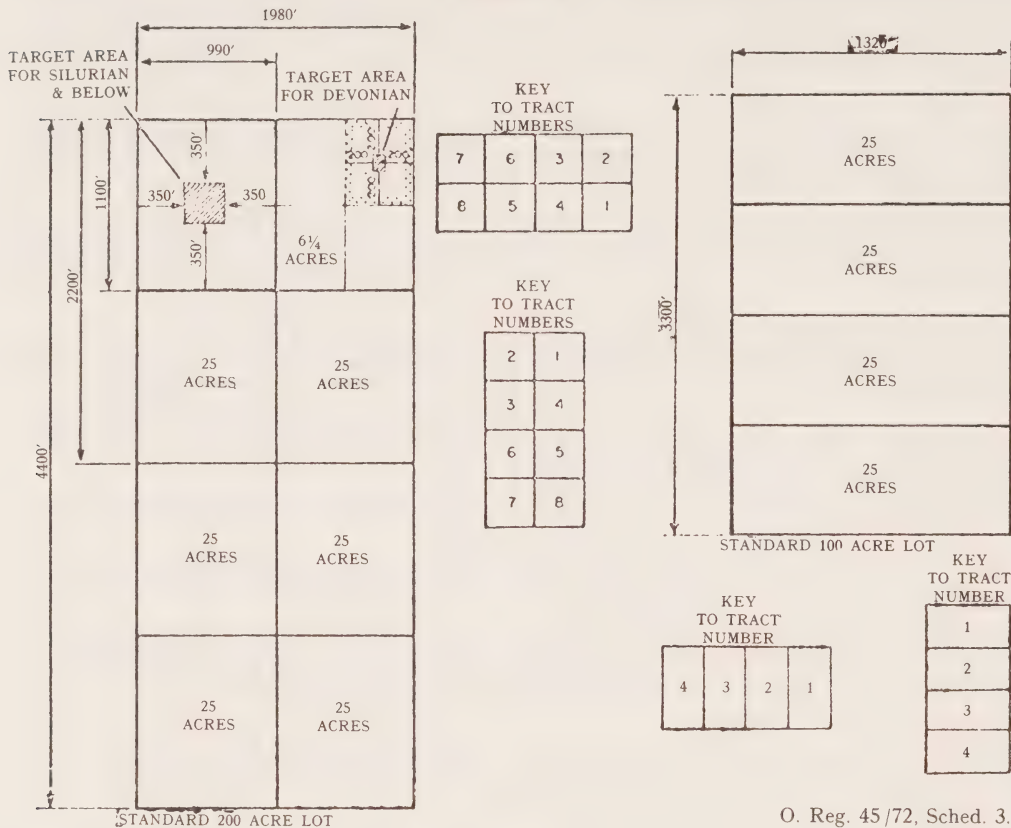
11.—(1) The surface casing, or other casing one size smaller in lieu thereof, may be left in the hole.

(2) Where the Minister considers it in the public interest, he may require that surface casing, or other casing in lieu thereof, be left in the hole.

12. Where surface casing is left in the hole, it shall be fitted with a welded cap, or plugged with at least ten feet of cement, and in all cases shall be cut off three feet below grade, except that where the well is in a water-covered area, surface casing shall be cut off at or below the bed of the body of water.

13. Where surface casing is removed, the hole shall be filled completely to surface with clay or sand or cuttings as the surface casing is withdrawn, except that a cement plug may be set between three feet and six feet from surface. O. Reg. 45/72, Sched. 2.

## Schedule 3



O. Reg. 45/72, Sched. 3.

## Form 101

## Petroleum Resources Act

Licence No. ....

LICENCE TO CONDUCT GEOPHYSICAL OR GEOCHEMICAL EXPLORATION  
FOR OIL OR GAS

Under the *Petroleum Resources Act* and the regulations and subject to the limitations thereof, this licence is issued to .....

of .....

to conduct geophysical or geochemical exploration for oil or gas.

This licence expires with the 31st day of December, 19....

This licence is not transferable.

Issued at Toronto, this ..... day of ....., 19....

Supervisor

Minister of Natural Resources

O. Reg. 45/72, Form 101.

Form 102

*Petroleum Resources Act*

Licence No.....

LICENCE TO LEASE OIL OR GAS RIGHTS

Under the *Petroleum Resources Act* and the regulations and subject to the limitations thereof, this licence is issued to.....  
of .....  
to lease oil or gas rights from owners other than the Crown.

This licence expires with the 31st day of December, 19....

Issued at Toronto, this ..... day of ....., 19....

.....  
Supervisor

.....  
Minister of Natural Resources

O. Reg. 45/72, Form 102.

Form 103

*Petroleum Resources Act*

Licence No.....

LICENCE FOR A MACHINE FOR BORING, DRILLING,  
DEEPENING OR PLUGGING WELLS

Under the *Petroleum Resources Act* and the regulations and subject to the limitations thereof, this licence is issued to.....  
of .....  
in respect of the machine for boring, drilling, deepening or plugging wells described as follows:

.....  
(make) (model) (serial number)

This licence expires with the 31st day of December, 19....

This licence is transferable from one person to another.

Issued at Toronto, this ..... day of ....., 19....

.....  
Supervisor

.....  
Minister of Natural Resources

O. Reg. 45/72, Form 103.

**Form 104**

*Petroleum Resources Act*

Licence No. ....

**LICENCE TO PRODUCE OIL OR GAS**

Under the *Petroleum Resources Act* and the regulations and subject to the limitations thereof, this licence is issued to .....  
of .....  
to produce oil or gas.

This licence expires with the 31st day of December, 19....

This licence is not transferable.

This licence is issued subject to such special terms and conditions as are attached.

Issued at Toronto, this ..... day of ....., 19....

.....  
Supervisor

.....  
Minister of Natural Resources

O. Reg. 45/72, Form 104.

**Form 105**

*Petroleum Resources Act*

**APPLICATION FOR A PERMIT TO BORE, DRILL OR DEEPEN A WELL**

To: The Minister of Natural Resources:

The undersigned operator applies for a permit to bore, drill or deepen a well under the *Petroleum Resources Act* and the regulations thereunder and submits the following information, together with the prescribed fee of \$15.

1. WELL NAME .....

2. Name of Applicant .....

Address .....

3. Location of proposed well .....  
(county or district) (township)

i. Land\*  
Tract No. .... Lot No. .... Concession No. ....

ii. Lake  
Block No. .... Tract No. ....

4. Co-ordinates—North-South ..... East-West .....

5. Ground elevation\* .....

6. Name of land owner.....  
Address.....  
Part of lot owned ..... acres ..... telephone number .....
7. Name of drilling contractor.....  
Address.....
8. Proposed starting date.....
9. Proposed depth of well ..... Formation of total depth .....
10. Proposed casing and cementing program.

Casing Size	Weight	Grade	New or Used	Estimated Depth	How to be Set

11. Blowout prevention equipment.....  
.....
12. Type of security — ☐ negotiable      ☐ non-negotiable      ☐ cash      ☐ letter of credit
13. Remarks.....  
.....  
.....

The undersigned operator certifies that he has the right to bore or drill a well in the above location, and is in compliance with the Act and regulations.

.....  
signature

.....  
date

.....  
address

\*NOTE: Where the application is in respect of a well on land it shall be accompanied by a scaled plan certified by an Ontario land surveyor or other person designated by the Minister showing,

- (a) exact co-ordinates of the well from two intersecting sides of the lot;
- (b) the elevation above sea level of the well site, including the datum from which it is derived;

- (c) where the tract and spacing unit are within a township lot, the position of the tract and spacing unit within the lot; and
- (d) such further information as the Minister may require.

O. Reg. 45/72, Form 105.

**Form 106**

*Petroleum Resources Act*

**PERMIT TO BORE, DRILL OR DEEPEN A WELL**

Permit No.....

Under the *Petroleum Resources Act* and the regulations and subject to the limitations thereof, this permit is issued to .....  
of .....  
to bore, drill or deepen a well, described as follows:

Location: county..... township.....  
lot..... concession.....  
block..... tract.....  
or number of licence of occupation or lease.....  
co-ordinates: N-S..... E-W.....

Name of well.....  
Depth not to exceed.....feet.

This permit is issued subject to such special terms, conditions, duties and liabilities as the Minister imposes.  
This permit expires with.....  
This permit is not transferable.

Issued at....., this.....day of....., 19.....

.....  
Supervisor Minister of Natural Resources

NOTE: The operator shall display this permit at the well site throughout the drilling operations.  
O. Reg. 45/72, Form 106.

Form 107

Petroleum Resources Act

DRILLING AND COMPLETION RECORD

To: The Minister of Natural Resources

Class		Field or Pool			Final Status			
County		Township:			Lot	Conc.	Tract	
Well Name					Permit No.			
Operator					Td:	PBD:		
Address:					Ground Elev.		Ft. (above sea level)	
Land Owner					KB/RF Elev.		Ft.	
Drilling Contractor					Cable <input type="checkbox"/>	Rotary <input type="checkbox"/>	License No.	
Geologist					Geology From Logs <input type="checkbox"/> Samples <input type="checkbox"/>			
Geological Contacts		Top	Elev.	Thick.	Coordinates			
Lake level					N-S.....From Lot Line			
Drift/Lake bottom					E-W.....From Lot Line			
					Latitude.....			
					Longitude.....			
	Port Lambton				Lease or L.O. No.....			
		Kettle Point			Date Drilling Started.....			
DEVONIAN	Hamilton				Date Drilling Completed.....			
		Marcellus						
		Dundee				Initial Gas Record		
	DETROIT River	Lucas			Interval	Natural Flow	S.I. Pressure	
		Amherstburg						
		Bois Blanc						
SALIAN		Bass Islands						
		G unit	shale					
		F unit	shale					
		E unit	carb.					
		D unit	salt			Initial Oil Record		
		C unit	shale			Interval	Natural Flow	API Gravity
		B unit	marker					
			salt					
			anhy.					

SILURIAN		A-2 unit	carb.																			
			salt					Water Record														
			anh.					Interval	Lev. Fr. Surf.	Flow	Type											
		A-1 unit	carb.																			
			evap.																			
			Guelph																			
			Eramosa																			
	Amabel		Goat Island																			
			Gasport																			
			Rochester							Casing and Tubing Record												
Irondequoit							Size	Weight	Set At	How Set	Rec.											
		Reynales																				
		Thorold																				
Cataract		Grimsby																				
		Cabot Head																				
		Manitoulin																				
		Whirlpool																				
		Logging Record																				
ORDOVICIAN		Queenston							Logging Co.	Logger's T.D.												
		Meaford-Dundas							Logged Interval	Type	Logged Interval	Type										
		Collingwood																				
	Trenton	Cobourg																				
		Sherman Fall																				
		Kirkfield																				
	Black River	Coboconk							Coring Record													
		Gull River							Size:													
		Shadow Lake							Cored Interval	Rec.	Anal.	Cored Interval	Rec.	Anal.								
	Cambrian																					
Precambrian																						
Additional geological contacts and intervals																						
to be listed on reverse side of form.																						
Final Results								Disposition of Core.....														
Oil								.....														
Gas								Completion Data														
Pressure								Perforated <input type="checkbox"/> Open Hole <input type="checkbox"/>														
Producing Interval(s)								Producing Formation(s)														

Driller's Log or Additional Geological Contacts			Cementing Record		
Formation	Top	Thick.			
			Packer Record		
			Type	Size	Depth
			Record of Drillstem Test Information		
			Date		
			Record of Production Stimulation and Production Tests		
			Date		

Plugging Record—In the case of dry holes, the plugging method is to be described on Form 110 and attached hereto.

Remarks .....

.....

.....

.....

.....  
Signature Address Date

NOTE 1: The well name shall be that name that appears on Form 106 and shall not be changed without approval by the Minister.

NOTE 2: Elevations must be determined by instrument and must be certified by an Ontario Land Surveyor or other person acceptable to the Minister.

NOTE 3: This form is to be forwarded to the Ministry within thirty days after the end of boring, drilling, deepening, work over, stimulation, plug-back or re-casing.

For Ministry Use
Date of Shipment of Samples .....
Record of other Tests and Analyses .....
.....
Other Data and Remarks .....









## Form 110

*Petroleum Resources Act*

## RECORD OF THE PLUGGING OF A WELL

To: The Minister of Natural Resources:

WELL NAME.....

Name of owner of well.....

Address.....

Lease number..... Year drilled.....

Name of Landowner when drilled.....Land well No.....

County..... Township.....

Lot..... Concession..... Total depth.....

Co-ordinates: N-S .....

E-W .....

Plugging Contractor..... Licence No.....

Plugging supervisor.....

Plugging dates.....

Well data: Thickness of drift .....

Depths of all water pays: Fresh .....

Mineral.....

Depths of all gas pays.....

Present flow and pressure.....Mcf.....Psig.....

Depths of all oil pays.....

Present production.....B.O.P.D.

[illegible]

Describe Plugging Method in Complete Detail

.....  
Date Form Completed

Signature.....  
Address.....  
  
O. Reg. 45 /72, Form 110.

**Form 111**

*Petroleum Resources Act*

**WARNING**

This work has been tagged under the provisions of the *Petroleum Resources Act*.

**UNAUTHORIZED USE PROHIBITED**

.....  
date

.....  
Inspector

O. Reg. 45 /72, Form 111.

## REGULATION 753

under the Petroleum Resources Act

### SPACING UNITS—ARTHUR POOL

1. This Regulation applies to Lot 22 in Concession V, parts of lots 25 and 26 in Concession V, lots 23, 24, 25 and 26 in concessions VI and VII, and parts of lots 23, 24, 25 and 26 in Concession VIII in the Township of Arthur in the County of Wellington, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 830. R.R.O. 1970, Reg. 256, s. 1.

2. This Regulation applies only to wells drilled to formations of Ordovician age or deeper. R.R.O. 1970, Reg. 256, s. 2.

3.—(1) For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and pairs of such numbered tracts are combined and designated

as spacing units, as shown outlined in green on Plan No. 830.

(2) In the spacing units designated in subsection (1), wells shall be drilled or bored generally in the centre of alternate tracts, as indicated by circles on Plan No. 830, but the Minister may approve a deviation from the centre of the tract where topographical or other conditions require such deviation. R.R.O. 1970, Reg. 256, s. 3.

4. No person shall,

- (a) drill or bore more than one well on each spacing unit; or
- (b) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 256, s. 4.



## REGULATION 754

under the Petroleum Resources Act

### SPACING UNITS—CLEARVILLE

#### 1.—(1) This Regulation applies to,

- (a) lots 52 to 58 north of the Talbot Road;
- (b) lots 52 to 58 south of the Talbot Road; and
- (c) part of Lake Erie contiguous thereto,

in the Township of Orford, in the County of Kent, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 328.

(2) This Regulation applies only to wells drilled to formations of Ordovician or Cambrian Age. R.R.O. 1970, Reg. 259, s. 1.

2. For the purpose of this Regulation, the area referred to in section 1 is divided into tracts as follows and illustrated on Plan 328:

1. Lots 52 to 58 north of the Talbot Road are each divided into eight equal sized tracts, numbered 1 to 8 from north to south.
2. Lots 52 to 57 south of the Talbot Road and the part of Lake Erie contiguous thereto and shown within the outline in red on Plan 328, are each divided into eight equal sized tracts and numbered 1 to 8 from north to south.
3. Lot 58 south of the Talbot Road and the part of Lake Erie contiguous thereto and shown within the outline in red on Plan 328, is divided into ten equal sized tracts and numbered 1 to 10 from north to south.  
R.R.O. 1970, Reg. 259, s. 2.

3. Each pair of tracts in a lot, paired as follows, is designated as a spacing unit:

No. 1 and No. 2 as A  
No. 3 and No. 4 as B  
No. 5 and No. 6 as C  
No. 7 and No. 8 as D  
No. 9 and No. 10 as E

as illustrated and identified on Plan 328. R.R.O. 1970, Reg. 259, s. 3.

#### 4. No person shall,

- (a) bore or drill a well within 150 feet of the nearest limit of any highway, road allowance, railroad, power line or pipe line;
- (b) bore or drill more than one well on each spacing unit to the Ordovician or Cambrian formations;
- (c) bore or drill a well except on the even numbered tracts on the odd numbered lots and the odd numbered tracts on the even numbered lots;
- (d) bore or drill a well on a tract in a location other than the centre of the tract, except that where topographical conditions require it the location may deviate 200 feet in a north-south direction and 300 feet in an east-west direction from the centre of the tract;
- (e) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well; or
- (f) produce gas from Ordovician or Cambrian formations within the area covered by this Regulation without the consent of the Minister. R.R.O. 1970, Reg. 259, s. 4.



## REGULATION 755

under the Petroleum Resources Act

### SPACING UNITS—COLCHESTER SOUTH

1. This Regulation applies to the area described in Schedule 1 and shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 269. R.R.O. 1970, Reg. 260, s. 1.

2. The areas enclosed,

(a) by lines parallel to a base line running parallel to the line between lots 76 and 77 in the Front Concession of the Township of Colchester South and running 500 feet east of the centre of the bore of the well known as Imperial-Harvest-Submarine Colchester South No. 76-1, located as described in Schedule 2; and

(b) by lines parallel to a base line running at right angles to the base line described in clause (a) and running 500 feet south of the centre of the bore of the well referred to in clause (a),

the parallel lines in each case being 1,000 feet apart, as shown on plan No. 269, are designated as spacing units. R.R.O. 1970, Reg. 260, s. 2.

3. No person shall,

(a) bore or drill a well within 150 feet of the nearest limit of any highway or road allowance;

(b) bore or drill a well on a spacing unit unless he is the producer thereof;

(c) bore or drill more than one well on each spacing unit to the same producing horizon; or

(d) bore or drill a well on a drainage unit except on the part of the spacing unit that is enclosed by boundaries each of

which has a side dimension of 330 feet and is the same distance from and parallel to the immediately opposite boundary of the spacing unit. R.R.O. 1970, Reg. 260, s. 3.

### Schedule 1

In the Township of Colchester South in the County of Essex and being the area lying within a line described as follows:

Beginning where the westerly limit of Lot 95 in the Front Concession of the Township of Colchester South intersects the northerly shore of Lake Erie; thence northerly along the said westerly limit of Lot 95 to the southerly limit of that part of the King's Highway known as No. 18; thence easterly along the southerly limit of the said King's Highway No. 18 to its intersection with the westerly limit of the road allowance between lots 15 and 16 in the Gore; thence southerly along the westerly limit of the said road allowance and along the line between lots 56 and 57 in the Front Concession to the intersection of the last-mentioned line with the northerly shore of Lake Erie; thence generally westerly along a line situated off the shore of Lake Erie and constituting the outermost boundary of each spacing unit that touches the said shore of Lake Erie, to the place of beginning. R.R.O. 1970, Reg. 260, Sched. 1.

### Schedule 2

Imperial-Harvest-Submarine Colchester South well No. 76-1 is located in township Lot No. 76 in Concession I in the Township of Colchester South in the County of Essex at a point being 302.4 feet measured easterly at right angles to the line between lots 76 and 77 from a point in the said lot line that is 1861 feet measured northerly along the lot line from the northerly limit of that part of the King's Highway known as No. 18A. R.R.O. 1970, Reg. 260, Sched. 2.



## REGULATION 756

under the Petroleum Resources Act

### SPACING UNITS—COURTRIGHT POOL

1. This Regulation applies to,

- (a) the northerly 1100 feet of Lot 27 in Concession I;
- (b) lots 27 and 28 in Concession II;
- (c) lots 27, 28 and 29 in Concession III; and
- (d) parts of river front lots 5 to 18,

all in the Township of Moore in the County of Lambton and shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 704. R.R.O. 1970, Reg. 261, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian Age. R.R.O. 1970, Reg. 261, s. 2.

3.—(1) For the purpose of this Regulation, the area described in section 1 is divided into numbered

tracts of approximately twenty-five acres and such tracts are designated as spacing units as shown outlined in green on Plan No. 704.

(2) In the spacing units designated in subsection (1), wells shall be drilled or bored generally in the centre of each tract, as indicated by circles outlined in black on Plan No. 704, but the Minister may approve a deviation from the centre of a tract where topographical or other conditions require such deviation. R.R.O. 1970, Reg. 261, s. 3.

4. No person shall,

- (a) drill or bore more than one well on each spacing unit; or
- (b) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or producing the well. R.R.O. 1970, Reg. 261, s. 4.



## REGULATION 757

under the Petroleum Resources Act

### SPACING UNITS—COVENY POOL

1. This Regulation applies to the northeast quarter of Lot 14, the north half of Lot 15 and the northwest quarter of Lot 16 in Concession XI and the southeast quarter of the south half of Lot 14, the south half of Lot 15 and the southwest quarter of Lot 16 in Concession XII in the Township of Sombra in the County of Lambton. O. Reg. 135/72, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 135/72, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and each such numbered tract is designated as a spacing unit. O. Reg. 135/72, s. 3.

4. No person shall,

(a) bore or drill more than one well on each spacing unit;

(b) bore or drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation; or

(c) bore or drill or produce from a well in a spacing unit unless all the interests in the oil and gas in the spacing unit have been joined for the purpose of boring, drilling or producing the well. O. Reg. 135/72, s. 4.



## REGULATION 758

under the Petroleum Resources Act

### SPACING UNITS—DAWN 4-28-111 POOL

1. This Regulation applies to the east three-quarters of the north half of Lot 27, the east three-quarters of Lot 28 and the east three-quarters of the south one-quarter of Lot 29 in Concession III, in the Township of Dawn, in the County of Lambton. O. Reg. 143/72, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 143/72, s. 2.

3. The perimeter of the area described in section 1 shall define the limits of the Spacing Unit for the Dawn 4-28-111 Pool and the area contained therein

is designated as a spacing unit and is hereinafter referred to as "the spacing unit". O. Reg. 143/72, s. 3.

4. No person shall,

- (a) bore or drill a well closer than 500 feet to the limits of the spacing unit; or
- (b) without the written consent of the Minister, produce from a well within the spacing unit unless all the interests in the oil and gas within the spacing unit have been joined for the purpose of producing a well. O. Reg. 143/72, s. 4.



## REGULATION 759

under the Petroleum Resources Act

### SPACING UNITS—TOWNSHIPS OF DAWN AND SOMBRA

1. This Regulation applies to Lot 22 in Concession I in the Township of Dawn, and Lot 30 in Concession X, in the Township of Sombra, both in the County of Lambton. R.R.O. 1970, Reg. 262, s. 1.

2. This Regulation applies only to wells drilled to the Salina and Guelph formations of Silurian age. R.R.O. 1970, Reg. 262, s. 2.

3. For the purpose of this Regulation, each lot is divided into eight tracts of equal size by dividing the lot in half lengthwise and in quarters across its width, and each such tract is designated as a spacing unit. R.R.O. 1970, Reg. 262, s. 3.

4. No person shall,

- (a) bore or drill a well within 150 feet of the nearest limit of any highway, road allowance, railroad, power line or pipe line;
- (b) bore or drill more than one well on each unit to the Salina or Guelph formations;
- (c) bore or drill a well on a unit other than the centre of the tract, except that where conditions require it the location may deviate 200 feet from the centre of the tract; or
- (d) bore or drill or produce from a well on a unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 262, s. 4.



## REGULATION 760

under the Petroleum Resources Act

### SPACING UNITS—DUNGANNON POOL

1. This Regulation applies to lots 16, 17 and 18 in each of concessions VII and VIII in the Township of West Wawanosh in the County of Huron. R.R.O. 1970, Reg. 263, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 263, s. 2.

3. For the purpose of this Regulation, each lot is divided into eight equal tracts of approximately twenty-five acres by dividing the lot in halves lengthwise and in quarters crosswise, and each such tract is designated as a spacing unit. R.R.O. 1970, Reg. 263, s. 3.

### 4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a tract except in the centre thereof, but the Minister may approve a deviation from the centre of a tract where topographical conditions require such deviation; or
- (c) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 263, s. 4.



## REGULATION 761

under the Petroleum Resources Act

### SPACING UNITS—EGREMONT TOWNSHIP

1. This Regulation applies to lots 1 to 15, in each of concessions VI, VII, VIII, IX, X and XI in the Township of Egremont in the County of Grey, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 723. R.R.O. 1970, Reg. 264, s. 1.

2. This Regulation applies only to wells drilled to formation of Ordovician age or deeper. R.R.O. 1970, Reg. 264, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately fifty acres and such tracts are designated as spacing units as outlined in green on Plan No. 723. R.R.O. 1970, Reg. 264, s. 3.

### 4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a spacing unit except within the target area, as shown on Plan No. 723 and prescribed as that area bound by a rectangle 500 feet from the parallel perimeter of each spacing unit; or
- (c) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 264, s. 4.



## REGULATION 762

under the Petroleum Resources Act

### SPACING UNITS—EKFRID POOL

1. This Regulation applies to lots 4, 5, 6, 7 and 8 in Range III south of the Longwoods Road, lots 4, 5, 6, 7 and 8 in Range IV south of the Longwoods Road, and lots 4, 5, 6 and 7 in Range V south of the Longwoods Road, in the Township of Ekfrid in the County of Middlesex, as shown outlined in blue on a plan filed in the Archives of Ontario at Toronto as No. 1749. O. Reg. 423/74, s. 1.

2. This Regulation applies only to wells drilled to formations of Cambrian age. O. Reg. 423/74, s. 2.

3.—(1) For the purposes of this Regulation, lots 4, 5, 6, 7 and 8 in Range III and lots 4, 7 and 8 in Range IV of the Township of Ekfrid are divided into eight tracts of approximately equal size as shown outlined in orange on the plan referred to in section 1 and numbered in accordance with the key to tract numbers on the said plan.

(2) In the lots mentioned in subsection (1), tracts 1 and 2 are combined and established and designated as a spacing unit, tracts 3 and 4 are combined and established and designated as a spacing unit, tracts 5 and 6 are combined and established and designated as a spacing unit, and tracts 7 and 8 are combined and established and designated as a spacing unit, as shown outlined in green on the plan referred to in section 1.

(3) For the purposes of this Regulation, the northerly three-quarters of lots 5 and 6 in Range IV of the Township of Ekfrid are divided into six tracts approximately equal in size as shown outlined in orange on the plan referred to in section 1 and numbered in accordance with the key to tract numbers on the said plan.

(4) In the lots mentioned in subsection (3), tracts 1 and 2 are combined and established and designated as a spacing unit, tracts 3 and 4 are combined and established and designated as a spacing unit, and tracts 5 and 6 are combined and established

and designated as a spacing unit, as shown outlined in green on the plan referred to in section 1. O. Reg. 423/74, s. 3.

(5) In the spacing units established and designated in subsection (2), wells may be drilled only in the centre of tracts numbered 1, 3, 5 and 7 in accordance with the key to tract numbers on the plan referred to in section 1 and in the spacing units established and designated in subsection (4) wells may be drilled only in the centre of tracts numbered 1, 3 and 5 in accordance with the said key to tract numbers, but the Minister may approve a deviation from the centre of a tract where topographical conditions require such deviation. O. Reg. 316/75, s. 1.

4.—(1) For the purposes of this Regulation, the parts of lots 5 and 6 in Range IV of the Township of Ekfrid and lots 4, 5, 6 and 7 in Range V of that township shown outlined in red on the plan referred to in section 1 are designated and established as spacing units.

(2) The number, location and spacing of wells within the spacing units established and designated in subsection (1) shall be generally as shown on the plan referred to in section 1 but shall be subject to approval by the Minister. O. Reg. 423/74, s. 4.

5. No person shall,

- (a) bore or drill more than one well on each spacing unit established and designated by this Regulation;
- (b) without the written consent of the Minister, produce from a well within a spacing unit established and designated by this Regulation unless all the interests in the oil and gas within the spacing unit have been joined for the purpose of producing a well; or
- (c) produce gas for sale from Cambrian formations within the area described in section 1 without the written consent of the Minister. O. Reg. 423/74, s. 5.



## REGULATION 763

under the Petroleum Resources Act

### SPACING UNIT—GENERAL DAWN 5-27-111 POOL

1. This Regulation applies to the southwest quarter of Lot 27 in Concession III in the Township of Dawn in the County of Lambton containing fifty acres, more or less. O. Reg. 249/74, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 249/74, s. 2.

3. The perimeter of the area described in section 1 shall define the limits of the Spacing Unit for the General Dawn 5-27-111 Pool and the area contained

therein is established and designated as a spacing unit. O. Reg. 249/74, s. 3.

4. No person shall,

(a) bore or drill a well closer than 500 feet to the limits of the spacing unit; or

(b) without the written consent of the Minister, produce from a well within the spacing unit unless all the interests in the oil and gas within the spacing unit have been joined for the purpose of producing a well. O. Reg. 249/74, s. 4.



## REGULATION 764

under the Petroleum Resources Act

### SPACING UNITS—TOWNSHIP OF GOSFIELD SOUTH

1. This Regulation applies to lots 1 to 9 in the Front Concession, Western Division, in the Township of Gosfield South in the County of Essex. R.R.O. 1970, Reg. 265, s. 1.

2. A tract of land situate in Lot 6 and having,

- (a) an area of twenty-five acres;
- (b) side lines parallel to the lot lines of Lot 6; and
- (c) at its centre the well known as Putman-McVittie No. 1,

is designated as spacing unit No. 1. R.R.O. 1970, Reg. 265, s. 2.

3. A development well that is bored or drilled after the 20th day of November, 1964 shall be located in a spacing unit that is a square,

- (a) twenty-five acres in area;
- (b) parallel with the four sides of spacing unit No. 1; and
- (c) contiguous to spacing unit No. 1 or connected to spacing unit No. 1 by other spacing units. R.R.O. 1970, Reg. 265, s. 3.

4. For the purposes of this Regulation, no portion of the lands mentioned in section 1 shall be

combined with other lands to form a spacing unit. R.R.O. 1970, Reg. 265, s. 4.

5. No person shall,

- (a) bore or drill a well within 150 feet of the near limit of any highway, road allowance, railroad, electric transmission line or pipe line;
- (b) bore or drill more than one well on each spacing unit to a formation of Ordovician or Cambrian age;
- (c) bore or drill a well on a spacing unit closer than 350 feet to the boundary thereof;
- (d) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well; or
- (e) produce gas for sale from Ordovician or Cambrian formations from any development well without the consent of the Minister. R.R.O. 1970, Reg. 265, s. 5.

6. The royalty interests of the owners of lands within the spacing unit designated as No. 1 are joined for the purpose of operating the well known as Putman-McVittie No. 1 and sharing of royalty in proportion to the acreage owned within the unit by each owner. R.R.O. 1970, Reg. 265, s. 6.



## REGULATION 765

### under the Petroleum Resources Act

#### SPACING UNITS—HEMLOCK POOL

1. This Regulation applies to lots 1, 2 and 3 West of the North Road, lots 1, 2 and 3 East of the North Road, the west one-half of lots 1, 2 and 3 in Concession I, lots 1, 2, 3, 4 and 5 North of the Lake Road and lots 1, 2, 3, 4 and 5 South of the Lake Road, in that part of the Township of Norfolk in The Regional Municipality of Haldimand-Norfolk that was formerly in the Township of Houghton in the County of Norfolk, as shown outlined in blue on a plan filed in the Archives of Ontario at Toronto as No. 1751. O. Reg. 553/74, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 553/74, s. 2.

3.—(1) For the purposes of this Regulation, lots 1, 2 and 3 West of the North Road and lots 1, 2 and 3 East of the North Road in the former Township of Houghton are each divided into eight tracts of approximately equal size as shown outlined in orange and numbered on the plan referred to in section 1.

(2) In the lots mentioned in subsection (1), tracts 1 and 4 are combined and established and designated as a spacing unit, tracts 2 and 3 are combined and established and designated as a spacing unit, tracts 6 and 7 are combined and established and designated as a spacing unit and tracts 5 and 8 are combined and established and designated as a spacing unit, as shown outlined in green on the plan referred to in section 1.

(3) For the purposes of this Regulation, the west one-half of lots 1, 2 and 3 in Concession I in the former Township of Houghton are each divided into four tracts of approximately equal size as shown outlined in orange and numbered on the plan referred to in section 1.

(4) In the lots mentioned in subsection (3), tracts 6 and 7 are combined and established and designated as a spacing unit, and tracts 5 and 8 are combined and established and designated as a spacing unit, as shown outlined in green on the plan referred to in section 1.

(5) In the spacing units established and designated in subsections (2) and (4), wells may be drilled only in the centre of tracts numbered 2, 4, 6 and 8, but the Minister may approve a deviation from the centre of the tract where topographical conditions require such deviation. O. Reg. 553/74, s. 3.

4.—(1) For the purposes of this Regulation, lots 1, 2, 3, 4 and 5 North of the Lake Road and lots 1, 2, 3, 4 and 5 South of the Lake Road are each divided into four tracts of approximately equal size as shown outlined in yellow and numbered on the plan referred to in section 1.

(2) In the lots mentioned in subsection (1), tracts 1 and 2 are combined and established and designated as a spacing unit, and tracts 3 and 4 are combined and established and designated as a spacing unit, as shown outlined in red on the plan referred to in section 1.

(3) In the spacing units established and designated in subsection (2), wells may be drilled only in the centre of tracts numbered 1 and 3, but the Minister may approve a deviation from the centre of the tract where topographical conditions require such deviation or such deviation is required to comply with section 9 of Regulation 752 of Revised Regulations of Ontario, 1980. O. Reg. 553/74, s. 4.

#### 5. No person shall,

- (a) bore or drill more than one well on each spacing unit established and designated by this Regulation; or
- (b) bore or drill or produce from a well on a spacing unit established and designated by this Regulation unless all the interests in the oil and gas in the unit have been joined for the purpose of drilling or operating the well. O. Reg. 553/74, s. 5.



## REGULATION 766

under the Petroleum Resources Act

### SPACING UNITS — INNERKIP EAST POOL

1. This Regulation applies to lots 1 and 2 in each of concessions IV and V, in the Township of Blandford and lots 23 and 24 in concessions IV, V and VI, in the Township of Blenheim, both in the County of Oxford. R.R.O. 1970, Reg. 266, s. 1.

2. This Regulation applies only to wells drilled to formations of Ordovician age or deeper. R.R.O. 1970, Reg. 266, s. 2.

3. For the purpose of this Regulation, each lot is divided into eight tracts of equal size by dividing the lot in half lengthwise and in quarters across its width and the north four tracts and the south four tracts are combined and designated as spacing units, each comprising 100 acres, more or less. R.R.O. 1970, Reg. 266, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of the northeast tract of each spacing unit, but the Minister may approve a deviation from the center of the northeast tract of the spacing unit where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 266, s. 4.



## REGULATION 767

### under the Petroleum Resources Act

#### SPACING UNITS — INNERKIP POOL

1. This Regulation applies to lots 1 to 6 in each of concessions VI, VII and VIII in that part of the Township of Blandford-Blenheim in the County of Oxford that, on the 31st day of December, 1974, was the Township of Blandford, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 722. R.R.O. 1970, Reg. 267, s. 1, *revised*.

2. This Regulation applies only to wells drilled to formations of Ordovician age or deeper. R.R.O. 1970, Reg. 267, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately 100 acres and such tracts are

designated as spacing units as shown outlined in green on Plan No. 722. R.R.O. 1970, Reg. 267, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a spacing unit except in the centre thereof, but the Minister may approve a deviation from the centre of a spacing unit where topographical conditions require such deviation; or
- (c) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 267, s. 4.



## REGULATION 768

under the Petroleum Resources Act

### SPACING UNITS—LADYSMITH POOL

1. This Regulation applies to lots 19, 20 and 21 in Concession IV and the east half of Lot 22 in Concession IV, in the Township of Moore, in the County of Lambton. R.R.O. 1970, Reg. 268, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 268, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and each such numbered tract is designated as a spacing unit. R.R.O. 1970, Reg. 268, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 268, s. 4.



## REGULATION 769

### under the Petroleum Resources Act

#### SPACING UNITS—MALDEN TOWNSHIP

**1.—(1)** This Regulation applies to,

- (a) the east half of lots 52, 53, 54, 55 and 56;
- (b) the north part of lots 57, 58 and 59;
- (c) lots 61, 62, 63, 64, 65, 66, 67, 68 and 85;  
and
- (d) the west half of lot 86,

in the Township of Malden, in the County of Essex, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 324.

(2) This Regulation applies only to wells drilled to formations of Ordovician or Cambrian Age. R.R.O. 1970, Reg. 269, s. 1.

**2.—(1)** For the purpose of this Regulation each lot or part of a lot referred to in section 1 is divided into tracts as follows and illustrated on Plan No. 324:

- 1. The east half of Lot 52 is divided into two equal sized tracts.
- 2. The east half of each of lots 53, 54 and 55 is divided into four equal sized tracts.
- 3. The east half of Lot 56 is divided into eight equal sized tracts.
- 4. Lots 57, 58, 63, 64 and 67 are divided into eight equal sized tracts.
- 5. Lots 59, 61, 62, 65 and 66 are divided into twelve equal sized tracts.
- 6. Lots 68 and 85 are divided into four equal sized tracts.
- 7. The west half of Lot 86 is divided into two equal sized tracts.

(2) Each tract established by subsection (1) shall be known by the number shown for it on Plan No. 324. R.R.O. 1970, Reg. 269, s. 2.

**3.—(1)** Each two adjoining tracts in a lot or part thereof combined in pairs as follows is designated as a spacing unit:

- No. 1 and No. 2;
- No. 3 and No. 4;
- No. 5 and No. 6;
- No. 7 and No. 8;
- No. 9 and No. 10;
- No. 11 and No. 12.

(2) Each spacing unit in a lot or part thereof shall be known by the letter shown for it on Plan No. 324. R.R.O. 1970, Reg. 269, s. 3.

**4.** No person shall,

- (a) bore or drill a well within 150 feet of the nearest limit of any highway, road allowance, railroad, power line or pipe line;
- (b) bore or drill more than one well on each spacing unit to the Ordovician or Cambrian formations;
- (c) bore or drill a well except on that part of the spacing unit that comprises an odd numbered tract;
- (d) bore or drill a well on a tract closer than 300 feet to the boundary thereof;
- (e) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well; or
- (f) produce gas from Ordovician or Cambrian formations within the area covered by this Regulation without the consent of the Minister. R.R.O. 1970, Reg. 269, s. 4.



## REGULATION 770

### under the Petroleum Resources Act

#### SPACING UNITS—MOORE TOWNSHIP

1. This Regulation applies to lots 8, 9, 10 and 11 in Concession IV, lots 8, 9, 10, 11 and 12 in Concession V, and lots 10, 11 and 12 in Concession VI, all in the Township of Moore in the County of Lambton. R.R.O. 1970, Reg. 270, s. 1.

2. This Regulation applies only to wells drilled to the Salina and Guelph formations of Silurian age for the production of gas and oil. R.R.O. 1970, Reg. 270, s. 2.

3. For the purpose of this Regulation, each lot is divided into eight tracts of approximately equal size by dividing the lot in half lengthwise and in quarters across its width, and each such tract is designated as a spacing unit. R.R.O. 1970, Reg. 270, s. 3.

4. No person shall,

- (a) bore or drill a well within 150 feet of the nearest limit of any highway, road allowance, railroad, power line or pipeline;
- (b) bore or drill more than one well on each unit to the Salina or Guelph formations;
- (c) bore or drill a well on a unit other than at the centre of the tract, except that where conditions require it the location may deviate 200 feet from the centre of the tract;
- (d) bore or drill or produce from a well on a unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well; or
- (e) produce gas from the Salina or Guelph formations within the area covered by this Regulation except with the consent of the Minister. R.R.O. 1970, Reg. 270, s. 4.



## REGULATION 771

under the Petroleum Resources Act

### SPACING UNITS—OSBORNE POOL

1. This Regulation applies to the south quarter of Lot 3 in Concession XII, the north half of Lot 3 in Concession XI and the northwest quarter of Lot 2 in Concession XI in the Township of Moore in the County of Lambton, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as Number 2019. O. Reg. 557/76, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 557/76, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres each as shown outlined in green on the plan referred to in section 1 and each such numbered tract is established and designated as a spacing unit. O. Reg. 557/76, s. 3.

4. No person shall,

- (a) drill more than one well on each spacing unit;
- (b) drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation;
- (c) drill or produce from a well on a spacing unit unless all the interests in the oil and gas in the unit have been joined for the purpose of drilling or operating the well; or
- (d) produce gas from the Silurian formations within the area covered by this Regulation without the consent of the Minister. O. Reg. 557/76, s. 4.



## REGULATION 772

under the Petroleum Resources Act

### SPACING UNITS—OTTER CREEK EAST POOL

1. This Regulation applies to the north half of lots 23, 24 and 25 in Concession VI, lots 23, 24 and 25 in Concession VII and the south half of lots 23, 24 and 25 in Concession VIII, in the Township of Sombra, in the County of Lambton. R.R.O. 1970, Reg. 271, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 271, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and each such numbered tract is designated as a spacing unit. R.R.O. 1970, Reg. 271, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 271, s. 4.



## REGULATION 773

under the Petroleum Resources Act

### SPACING UNITS—OTTER CREEK POOL

1. This Regulation applies to lots 20, 21 and 22 in Concession VII and the south half of lots 20, 21 and 22 in Concession VIII, in the Township of Sombra in the County of Lambton, and comprising an area of 900 acres, more or less. R.R.O. 1970, Reg. 272, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 272, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and each such

numbered tract is designated as a spacing unit. R.R.O. 1970, Reg. 272, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 272, s. 4.



## REGULATION 774

under the Petroleum Resources Act

### SPACING UNITS—OXLEY FIELD

1. This Regulation applies to part of lots 42 to 53 in the Front Concession in the Township of Colchester South in the County of Essex, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 708. R.R.O. 1970, Reg. 273, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 273, s. 2.

3.—(1) For the purpose of this Regulation, the area described in section 1 is divided into tracts and these tracts are designated as spacing units as shown in green on Plan No. 708.

(2) The base of origin for these tracts shall be the approximate east-west line separating the properties

of E. Fowler and D. Wright specifically in Lot 50 and shown as line AB on Plan No. 708. R.R.O. 1970, Reg. 273, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a tract except in the centre thereof, but the Minister may approve a deviation from the centre of a tract where topographical conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 273, s. 4.



## REGULATION 775

### under the Petroleum Resources Act

#### SPACING UNIT—PLYMPTON 5-19-VI POOL

1. This Regulation applies to lots 19 and 20 and the west quarter of Lot 21 in Concession VI and the south quarter of Lot 19, the south quarter of Lot 20 and the west quarter of the south quarter of Lot 21 in Concession VII in the Township of Plympton in the County of Lambton. O. Reg. 923/79, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 923/79, s. 2.

3. The perimeter of the area described in section 1 shall define the limits of the spacing unit for the

Plympton 5-19-VI Pool and the area contained therein is established and designated as a spacing unit. O. Reg. 923/79, s. 3.

4. No person shall,

- (a) bore or drill a well closer than 500 feet to the limits of the spacing unit; or
- (b) without the written consent of the Minister, produce from a well within the spacing unit unless all the interests in the oil and gas within the spacing unit have been joined for the purpose of producing the well. O. Reg. 923/79, s. 4.



## REGULATION 776

under the Petroleum Resources Act

### SPACING UNITS—RUSCOM RIVER POOL

1. This Regulation applies to lots 15, 16, 17 and 18 in the east half of Concession IV and lots 15, 16, 17 and 18 in Concession V, in the Township of Rochester, in the County of Essex. R.R.O. 1970, Reg. 274, s. 1.

2. This Regulation applies only to wells drilled to formations of Ordovician age or deeper. R.R.O. 1970, Reg. 274, s. 2.

3. For the purpose of this Regulation the area described in section 1 is divided into numbered tracts of approximately twenty-five acres each, as shown in Schedule 3 to Regulation 752 of Revised Regulations of Ontario, 1980 and even and odd numbered tracts in pairs are combined in an east-west direction and designated as spacing units of approximately fifty acres. R.R.O. 1970, Reg. 274, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each even numbered tract within a spacing unit, but the Minister may approve a deviation from the centre of the tract where topographical or other conditions require such deviation;
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well; or
- (d) produce gas for sale within the area covered by this Regulation without the consent of the Minister. R.R.O. 1970, Reg. 274, s. 4.



## REGULATION 777

under the Petroleum Resources Act

### SPACING UNITS—ST. PATRICK'S POOL

1. This Regulation applies to lots 1 to 6 in concessions IX, X and XI in the Township of Raleigh in the County of Kent. O. Reg. 86/71, s. 1.

2. This Regulation applies only to wells drilled to formations of Ordovician age or deeper. O. Reg. 86/71, s. 2.

3. For the purposes of this Regulation, each lot in the area described in section 1 is divided into numbered tracts of approximately twenty-five acres each, as shown in Schedule 3 to Regulation 752 of Revised Regulations of Ontario, 1980 and even and odd numbered tracts in pairs are combined in a north-south direction and designated as spacing units of approximately fifty acres. O. Reg. 86/71, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each odd numbered tract within a spacing unit, but the Minister may approve a deviation from the centre of the tract where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the oil and gas in the unit have been joined for the purpose of drilling or operating the well. O. Reg. 86/71, s. 4.



## REGULATION 778

under the Petroleum Resources Act

### SPACING UNITS—TERMINUS NORTH POOL

1. This Regulation applies to the north half of lots 23 and 24 in Concession X, and the south half of lots 23 and 24 in Concession XI, in the Township of Sombra, in the County of Lambton. R.R.O. 1970, Reg. 275, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 275, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and each such numbered tract is designated as a spacing unit. R.R.O. 1970, Reg. 275, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well except in the centre of each spacing unit, but the Minister may approve a deviation from the centre of the spacing unit where topographical or other conditions require such deviation; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 275, s. 4.



## REGULATION 779

under the Petroleum Resources Act

### SPACING UNITS—TOWNSEND POOL

1. This Regulation applies to lots 13 to 24 in concessions V to XI, and lots 17 to 24, in Concession XII in the Township of Townsend in the County of Norfolk, as it existed on the 31st day of March, 1974. R.R.O. 1970, Reg. 277, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 277, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately 100 acres and such tracts are designated as spacing units. R.R.O. 1970, Reg. 277, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a spacing unit except within the target area which is that area bound by a rectangle 600 feet from the northerly and southerly parallel perimeters of each spacing unit and 500 feet from the easterly and westerly parallel perimeters of each spacing unit; or
- (c) bore or drill or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 277, s. 4.



## REGULATION 780

under the Petroleum Resources Act

### SPACING UNITS—VENISON CREEK POOL

1. This Regulation applies to lots 2 to 7 in Concession A, lots 2 to 7 in Concession I and the south half of lots 2 to 7 in Concession II in that part of the Township of Norfolk in The Regional Municipality of Haldimand-Norfolk that was formerly in the Township of South Walsingham in the County of Norfolk. O. Reg. 794/78, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. O. Reg. 794/78, s. 2.

3. For the purpose of this Regulation, the north and south halves of lots 2 to 7 in Concession A, the north and south halves of lots 2 to 7 in Concession I and the south half of lots 2 to 7 in Concession II in that part of

the Township of Norfolk described in section 1 are established and designated as spacing units. O. Reg. 794/78, s. 3.

4. No person shall on a spacing unit established under this Regulation,

- (a) bore or drill a well closer than 800 feet to the limits of the spacing unit;
- (b) bore or drill more than one well; or
- (c) bore or drill or produce oil or gas from a well unless all the interests in the oil and gas within the spacing unit have been joined for the purpose of drilling or producing the well. O. Reg. 794/78, s. 4.



## REGULATION 781

### under the Petroleum Resources Act

#### SPACING UNITS—VERSCHOYLE WEST POOL

1. This Regulation applies to lots 17 to 23 in each of concessions IV, V, VI and VII in the Township of Dereham in the County of Oxford, as it existed on the 31st day of December, 1974, as shown outlined in red on a plan filed in the Archives of Ontario at Toronto as No. 781. R.R.O. 1970, Reg. 278, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 278, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately twenty-five acres and two such tracts are combined as spacing units as shown outlined in green on Plan No. 781. R.R.O. 1970, Reg. 278, s. 3.

#### 4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on other than an odd numbered tract as shown on Plan No. 781;
- (c) bore or drill except in the centre of the designated tract, but the Minister may approve a deviation from the centre of such odd numbered tracts where topographical conditions require such deviation; or
- (d) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 278, s. 4.



## REGULATION 782

### under the Petroleum Resources Act

#### SPACING UNITS—WILSONVILLE POOL

1. This Regulation applies to lots 2 to 10 in each of concessions I, II and III in the Township of Townsend in the County of Norfolk, as it existed on the 31st day of March, 1974, and lots 2 to 10 in Concession I in the Township of Oakland in the County of Brant. R.R.O. 1970, Reg. 280, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 280, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately sixty-seven acres and such tracts

are designated as spacing units. R.R.O. 1970, Reg. 280, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a spacing unit except within the target area which is that area bound by a rectangle 500 feet from the parallel perimeter of each spacing unit; or
- (c) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 280, s. 4.



## REGULATION 783

under the Petroleum Resources Act

### SPACING UNITS—WILSONVILLE SOUTH POOL

1. This Regulation applies to lots 7 to 12 in each of concessions IV, V and VI in the Township of Townsend in the County of Norfolk, as it existed on the 31st day of March, 1974. R.R.O. 1970, Reg. 281, s. 1.

2. This Regulation applies only to wells drilled to formations of Silurian age. R.R.O. 1970, Reg. 281, s. 2.

3. For the purpose of this Regulation, the area described in section 1 is divided into numbered tracts of approximately 100 acres and such tracts are designated as spacing units. R.R.O. 1970, Reg. 281, s. 3.

4. No person shall,

- (a) bore or drill more than one well on each spacing unit;
- (b) bore or drill a well on a spacing unit except within the target area which is that area bound by a rectangle 600 feet from the northerly and southerly parallel perimeters of each spacing unit and 500 feet from the easterly and westerly parallel perimeters of each spacing unit; or
- (c) drill or bore or produce from a well on a spacing unit unless all the interests in the gas and oil in the unit have been joined for the purpose of drilling or operating the well. R.R.O. 1970, Reg. 281, s. 4.



## REGULATION 784

### under the Pits and Quarries Control Act

#### GENERAL

#### 1. In this Regulation,

- (a) "perched pond" means a pond resulting from a pit or quarry or a wayside pit or quarry excavation which is above the natural water table and is in excess of eighteen inches in depth and covers a minimum area of ten thousand square feet;
- (b) "scrap" means all waste material including rejected metal, lumber and tree stumps. O. Reg. 107/72, s. 1.

2.—(1) An application for a licence to open, establish or operate a pit or quarry shall be in Form 1. O. Reg. 545/71, s. 2 (1).

(2) An application for a permit to open, establish or operate a wayside pit or quarry shall be in Form 2 and shall be accompanied by a description of the proposed rehabilitation of the property and intended use of the property after the termination of operations, together with a sketch map which shall include,

- (a) the size, shape, location and acreage of the property to be worked;
- (b) the topography of the property by contours, spot elevations or by an estimated slope of the land;
- (c) the location and use of all lands and buildings within 500 feet of the property to be used for the wayside pit or quarry operation;
- (d) the location and dimension of all buildings or structures on the property or to be erected on the property; and
- (e) all entrances and exits. O. Reg. 545/71, s. 2 (2); O. Reg. 107/72, s. 3.

(3) A licence to open, establish or operate a pit or quarry shall be in Form 3.

(4) A permit to open, establish or operate a wayside pit or quarry shall be in Form 4.

(5) The fee for a licence to open, establish or operate a pit or quarry is \$25 for a person other than a corporation and \$100 for a corporation.

(6) The fee for a permit to open, establish or operate a wayside pit or quarry is \$25.

(7) A licensee or permittee shall pay a fee in an amount equal to the amount paid for the issuance

of the licence or permit, as the case may be, in each year the licence or permit is in force within ninety days after the anniversary date of the issuance of the licence or permit.

(8) The fees set out in subsections (5), (6) and (7) shall be forwarded to the Ministry of Natural Resources, Queen's Park, Toronto and shall be paid to the Treasurer of Ontario. O. Reg. 545/71, s. 2 (3-8).

3. A short form of site plan as set out in subsection 4 (3) of the Act shall be in Form 6. O. Reg. 107/72, s. 2.

4. Every application for a licence to open, establish or operate a pit or quarry shall have affixed thereto a certificate signed by a professional engineer who is a member of the Association of Professional Engineers of the Province of Ontario, an Ontario Land Surveyor or other qualified person approved by the Minister, stating the following:

"I hereby certify that the site plan which accompanies this application has been prepared by me."

O. Reg. 545/71, s. 3.

5.—(1) A notice of application as required under subsection 5 (2) of the Act shall be in Form 5.

(2) An applicant for a licence to open, establish or operate a pit or quarry shall give public notice of his application by causing an advertisement to be inserted in two successive issues of at least one daily or weekly newspaper having general circulation in the area. O. Reg. 545/71, s. 4.

6.—(1) The security required under subsection 11 (1) of the Act shall be deposited annually no later than the 15th day of March for the operations of the previous calendar year in a deposit account held by the Treasurer of Ontario bearing interest at a rate equal to the Province of Ontario Savings Office account rate of interest in effect from time to time.

(2) Interest paid under subsection (1) shall be deemed to be security for the purposes of this section.

(3) The amount of the security referred to in subsection (1) shall be equal to 8 cents per tonne of material removed from the pit or quarry property in the previous calendar year and, subject to subsections (5) and (6), shall continue to be paid until such time as the total amount of the security on deposit is an amount equal to \$3000 for each hectare that in the opinion of the Minister requires rehabilitation.

(4) Where a pit or quarry has been abandoned and the rehabilitation program has been carried out in accordance with the requirements of the Act, this Regulation and the site plan as required under subsection 4 (2) or (3) of the Act, the operator of the pit or quarry is entitled to a refund of the whole of the security on deposit.

(5) Where a pit or quarry is in operation and progressive rehabilitation has been carried out, the operator of the pit or quarry may deduct from the amount payable under subsection (3), such amounts as are approved by the Minister that have been expended in progressive rehabilitation on or before the 15th day of October in the previous calendar year, provided the operator shall not be entitled to reduce the amount payable to less than \$1000 for each hectare that in the opinion of the Minister requires rehabilitation.

(6) Where an operator of a pit or quarry has filed security under subsection (1) in excess of \$1000 for each hectare requiring rehabilitation, he is entitled upon submission of proof satisfactory to the Minister of the performance of progressive rehabilitation, to a refund of the portion of the excess as determined by the Minister based on the amount of the rehabilitation carried out. O. Reg. 1112/80, s. 1.

7.—(1) Every operator of a pit or quarry shall, where possible, while the pit or quarry is in operation, rehabilitate the pit or quarry to the final grade and contours indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act. O. Reg. 107/72, s. 5.

(2) Every operator of a wayside pit or quarry shall, where possible, while the wayside pit or quarry is in operation, rehabilitate the wayside pit or quarry to the final grade and contours indicated in the sketch map required under subsection 2 (2). O. Reg. 545/71, s. 6 (2).

8.—(1) Except in the case of a pit or quarry where the slope shall be that slope indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act or in the case of a wayside pit or quarry where the slope shall be that slope indicated in the sketch map required under subsection 2 (2) of this Regulation, every final excavation face of a pit, quarry, wayside pit or wayside quarry shall be sloped to less than 45 degrees off horizontal.

(2) Notwithstanding subsection (1), except in the case of a pit or quarry where the slope shall be that slope indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act or in the case of a wayside pit or quarry where the slope shall be that slope indicated in the sketch map required under subsection 2 (2) of this Regulation, every face of a pit, quarry, wayside pit or wayside quarry, which is worked to the excavation limit allowed under section 14 shall be sloped from that limit to less than 45 degrees off horizontal. O. Reg. 107/72, s. 6.

9. Existing top soil in sufficient quantity and depth to raise and maintain a healthy growth of vegetation adequate to bind the soil and to prevent erosion shall be replaced in excavated areas and in such other areas indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act and shall be planted with trees, shrubs, legumes or grasses. O. Reg. 107/72, s. 7.

10. Every pit or wayside pit excavation made to a water producing depth shall have all banks sloped to the water line at a slope which shall not exceed  $1\frac{1}{2}$  feet horizontally for each foot vertically. O. Reg. 545/71, s. 9.

11. A pit or quarry or a wayside pit or quarry may be rehabilitated by backfilling. O. Reg. 545/71, s. 10.

12.—(1) Every operator of a pit or quarry or a wayside pit or quarry shall stockpile sufficient existing top soil, stripping or fill to facilitate rehabilitation of the pit or quarry or the wayside pit or quarry.

(2) Every stockpile referred to in subsection (1) shall have stable slopes and seeding so as to prevent erosion. O. Reg. 545/71, s. 11.

13.—(1) Except for entrances and exits, every operator of a pit or quarry shall plant and maintain a screen of trees consisting of deciduous or coniferous species which will attain a minimum height of twenty feet, on land within the pit or quarry property lying,

- (a) fifty feet from the road allowance of any common and public highway;
- (b) fifty feet from the boundary of any abutting property restricted to residential use by a restricted area by-law passed under section 39 of the *Planning Act*; and
- (c) in such other areas indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act. O. Reg. 547/71, s. 12 (1); O. Reg. 107/72, s. 8 (1).

(2) Forthwith after an abutting property becomes restricted to residential use by a restricted area by-law under section 39 of the *Planning Act*, except for entrances and exits, every operator of a pit or quarry shall plant and maintain a screen of trees consisting of deciduous or coniferous species which will attain a minimum height of twenty feet, on land within the pit or quarry property lying fifty feet from the boundary of such abutting property. O. Reg. 545/71, s. 12 (2).

(3) The screen of trees referred to in subsections (1) and (2) shall contain a minimum of one hundred trees per acre or that number and kind of trees and shrubs indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act.

(4) The screen of trees required under subsections (1) and (2) may be supplemented or replaced by an earth berm along the perimeter of the pit or quarry property provided that such a berm is indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act. O. Reg. 107/72, s. 8 (2).

(5) Where an earth berm is used to supplement or replace a screen of trees, the berm may include a screen of trees and shrubs and shall be,

(a) high enough so as to interrupt the view of the pit or quarry from adjoining lands; and

(b) seeded. O. Reg. 545/71, s. 12 (5).

14.—(1) No building, plant or product stockpile of a pit or quarry shall be located on the pit or quarry property within,

(a) 100 feet of the boundary of the pit or quarry property; or

(b) 300 feet of the boundary of any abutting property restricted to residential use by a restricted area by-law passed under section 39 of the *Planning Act*.

(2) Except where such use is permitted by the official plan of the local municipality in which the pit or quarry is located, no operator of a pit or quarry shall use or permit to be used, any building or structure on land used for pit or quarry operations, for any purpose other than for the operation of the pit or quarry, storage, maintenance, providing office space for the pit or quarry operation or for the carrying on of a related business.

(3) All buildings, structures and plants on the pit or quarry property shall be maintained in a good state of repair. O. Reg. 545/71, s. 13.

15.—(1) Subject to subsection (2), no pit or quarry excavation or wayside pit or quarry excavation shall be closer than 100 feet from the road allowance of any common and public highway or fifty feet from any other property boundary.

(2) Notwithstanding subsection (1), where written approval of the Minister has been obtained, the distance from the road allowance of a common and public highway may be reduced to fifty feet provided that a program of progressive rehabilitation is carried out to restore that distance to the distance indicated in subsection (1). O. Reg. 545/71, s. 14.

16. Every operator of a pit, quarry, wayside pit or wayside quarry shall ensure that all scrap is collected into a specific area. O. Reg. 107/72, s. 9.

17. All perched ponds which may be a hazard to life shall be drained to the lowest level of the land in the pit or quarry excavation. O. Reg. 545/71, s. 16.

18. Every operator of a pit or quarry shall erect and maintain a fence of heavy duty farm fencing at least five feet in height which shall follow the contours of the surface of the ground on the perimeter of the area to be used for the pit or quarry operations as indicated in the site plan filed with the Minister under subsection 4 (2) or (3) of the Act. O. Reg. 107/72, s. 10.

19. Every entrance and exit to a pit or quarry shall have a gate which shall be kept closed and locked during the time when the pit or quarry is not in operation. O. Reg. 545/71, s. 18.

20. Every road entrance and exit to a pit or quarry or a wayside pit or quarry shall be located so as to provide a clear and unobstructed view in both directions onto a common and public highway. O. Reg. 545/71, s. 19.

21. No explosives shall be detonated in a pit or quarry or a wayside pit or quarry on a holiday or between the hours of 6 p.m. and 8 a.m. O. Reg. 545/71, s. 20.

22. The parts of Ontario described in the Schedule are designated parts of Ontario in which the Act applies. O. Reg. 268/77, s. 1.

### Schedule

1. Those parts of the Territorial District of Algoma consisting of,

- i. the City of Sault Ste. Marie, and
- ii. the Township of Prince.

2. All of the County of Brant.

3. All of the County of Bruce.

4. All of the County of Dufferin.

5. All of The Regional Municipality of Durham.

6. All of the County of Elgin.

7. All of the County of Essex.

8. All of the County of Frontenac.

9. All of the County of Grey.

10. All of The Regional Municipality of Haldimand-Norfolk.

11. All of The Regional Municipality of Halton.

12. All of The Regional Municipality of Hamilton-Wentworth.

13. Those parts of the County of Hastings consisting of,

- i. the City of Belleville,
- ii. the Separated Town of Trenton,
- iii. the Town of Deseronto,
- iv. the villages of Deloro, Frankford, Madoc, Marmora, Stirling and Tweed, and
- v. the townships of Elzevir and Grimsthorpe, Hungerford, Huntingdon, Madoc, Marmora and Lake, Rawdon, Sidney, Thurlow, Tudor and Tyendinaga.

14. All of the County of Huron.

15. All of the County of Kent.

16. All of the County of Lambton.

17. All of the County of Lanark.

18. The United Counties of Leeds and Grenville.

19. All of the County of Lennox and Addington.

20. Those parts of the Territorial District of Manitoulin consisting of,

- i. Great LaCloche Island, and
- ii. Little LaCloche Island.

21. All of The Municipality of Metropolitan Toronto.

22. All of the County of Middlesex.

23. All of The Regional Municipality of Niagara.

24. All of the County of Northumberland.

25. All of The Regional Municipality of Ottawa-Carleton.

26. All of the County of Oxford.

27. All of The Regional Municipality of Peel.

28. All of the County of Perth.

29. Those parts of the County of Peterborough consisting of,

- i. the City of Peterborough,
- ii. the villages of Havelock, Lakefield, Millbrook and Norwood,
- iii. the townships of Asphodel, Delmont, Cavan, Douro, Dummer, Ennismore, Harvey, North Monaghan, Otonabee, Smith and South Monaghan.

30. The United Counties of Prescott and Russell.

31. All of the County of Prince Edward.

32. All of the County of Simcoe.

33. The United Counties of Stormont, Dundas and Glengarry.

34. All of The Regional Municipality of Sudbury.

35. Those parts of the Territorial District of Sudbury consisting of the geographic townships of Dill, Dryden and Trill.

36. All of the County of Victoria, except the townships of Dalton, Laxton, Digby and Longford and Somerville.

37. All of the County of Wellington.

38. All of The Regional Municipality of Waterloo.

39. All of The Regional Municipality of York.

O. Reg. 1112/80, s. 2.

Form 1

*Pits and Quarries Control Act*

APPLICATION FOR A LICENCE TO OPEN, ESTABLISH OR OPERATE A  
PIT OR QUARRY

I, .....  
(name)

.....  
(address)

hereby make application for a licence to open, establish or operate a .....  
(pit or quarry)  
for the removal of ..... from the lands described as follows:  
(material)

.....  
(lot) (concession) (township)  
.....  
(county or district, etc.)

The total estimated production of the pit or quarry will be ..... tons.  
(number)

(Strike out if not applicable) The pit or quarry has been previously operated and the tonnage removed in the last two  
years was ..... tons.  
(number)

NOTE: A detailed site plan providing the information required by subsection 4 (2) or (3) of the Act  
shall accompany this application.

.....  
(signature of the applicant)

.....  
(title of signing officer if a corporation)

Dated this ..... day of ....., 19....

Certificate

I hereby certify that the site plan which accompanies this application has been prepared by me.

.....  
(signature of Professional Engineer or Ontario  
Land Surveyor)

O. Reg. 545/71, Form 1; Reg. 107/72, s. 12.

Form 2

*Pits and Quarries Control Act*

APPLICATION FOR A PERMIT TO OPEN, ESTABLISH OR OPERATE A  
WAYSIDE PIT OR QUARRY

1. LOCATION OF WAYSIDE PIT OR QUARRY

County or District, etc. ....

Township.....

Lot.....Concession.....

2. APPLICANT

Name.....

Address.....

3. OWNER OF THE PROPERTY ON WHICH THE WAYSIDE PIT OR QUARRY IS LOCATED

Name.....

Address.....

4. PROJECT LOCATION

Highway or Road No.....Work Project No.....

Contract No.....Work Location.....

Authority calling work.....

5. TYPE OF MATERIAL TO BE REMOVED

Earth Borrow ☐ Sand or Gravel ☐ Quarried Material ☐

New Wayside Pit or Quarry ☐ Existing Wayside Pit or Quarry ☐

Previous History of Wayside Pit or Quarry (if any).....

.....

.....

6. WAYSIDE PIT OR QUARRY OPERATION

Date Operation to begin.....

Duration of Operation.....

Area of Wayside Pit or Quarry to be worked.....acres

Proposed depth of excavation.....feet.

Details of stripping and disposition of stripping.....

.....

.....

.....

Estimated quantity of material required.....Cubic Yards or Tons.

Type of excavation equipment to be used.....

.....

.....

.....

Proposed final grades of excavation.....  
.....  
.....  
.....

Proposed excavation setbacks from road and property boundaries where applicable.....  
.....  
.....  
.....

Proposed drainage provisions.....  
.....  
.....  
.....

Are products to be stockpiled,            Yes ☐            No ☐            Duration.....

7. SKETCH MAP

A sketch map as required by subsection 2 (2) of Regulation 784 of Revised Regulations of Ontario, 1980 (see next page) shall accompany this application and shall include,

- (a) the size, shape, location and acreage of the property to be worked;
- (b) the topography of the property by contours, spot elevations or by an estimated slope of the land;
- (c) the location and use of all lands and buildings within 500 feet of the property to be used for the wayside pit or quarry operation;
- (d) the location and dimension of all buildings or structures on the property or to be erected on the property; and
- (e) all entrances and exits.

8. WAYSIDE PIT OR QUARRY REHABILITATION

Describe the proposed rehabilitation of the property and intended use of the property after the termination of operations.

.....  
.....  
.....  
.....  
.....  
.....

.....  
(signature of applicant)  
.....  
(title of signing officer if a corporation)

NOTE: Please use separate sheets for additional information if necessary.

Dated this ..... day of ....., 19....

SKETCH MAP


Indicate North by  
adding arrow above

WAYSIDE PIT OR QUARRY LOCATION  
KEY PLAN



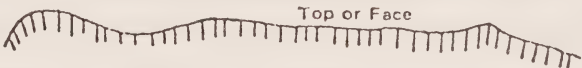
NOTE: Key plan should show Wayside Pit or Quarry location in relation to position on property and to the nearest Town, Village, etc. (Not to Scale)—SEE REVERSE SIDE FOR LEGEND

FIELD SKETCH LEGEND

NORTH DIRECTION TO BE TOWARDS TOP OF SKETCH

PROBABLE OUTLINE OF DEPOSIT:

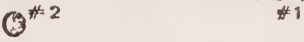
WAYSIDE Pit or  
QUARRY FACE:



SAMPLE FROM CHANNELLED FACE:



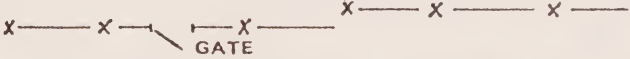
TEST HOLE:



FENCE:



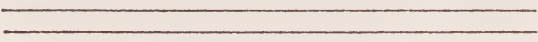
GATE:



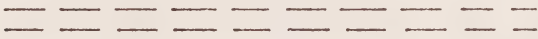
BUILDINGS: (DESIGNATE TYPE)



HIGHWAYS:



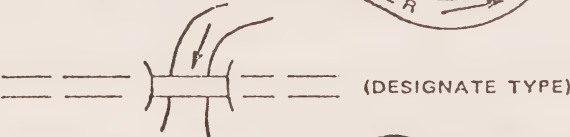
OTHER ROADS:



RIVER OR CREEK:



BRIDGE:



MARSH:

( indicates free  
water )



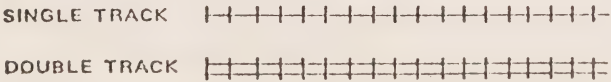
BUSH:



TREES:



RAILWAYS:



TELEPHONE OR  
HYDRO POLES :



Form 3

*Pits and Quarries Control Act*

LICENCE

LICENCE TO OPEN, ESTABLISH OR OPERATE A PIT OR QUARRY

Under the *Pits and Quarries Control Act* and the regulations, and subject to the limitations thereof, this licence is issued to:

.....  
(name)

.....  
(address)

to open, establish or operate a.....on the lands described as follows:  
(pit or quarry)

.....  
(lot) (concession) (township)

.....  
(county or district, etc.)

.....  
Minister of Natural Resources

Dated this.....day of....., 19...

O. Reg. 545/71, Form 3.

Form 4

*Pits and Quarries Control Act*

PERMIT

PERMIT TO OPEN, ESTABLISH OR OPERATE A WAYSIDE PIT OR QUARRY

Under the *Pits and Quarries Control Act* and the regulations, and subject to the limitations thereof, this permit is issued to:

.....  
(name)

.....  
(address)

to open, establish or operate a.....on the lands described as follows:  
(wayside pit or quarry)

.....  
(lot) (concession) (township)

.....  
(county or district, etc.)

This permit expires on the completion of the project or contract or one year after its issue, whichever occurs first.

.....  
Minister of Natural Resources

Issued this.....day of....., 19...

O. Reg. 545/71, Form 4.

Form 5

*Pits and Quarries Control Act*

NOTICE OF APPLICATION

I, .....  
(name)

.....  
(address)

hereby give notice that application has been made for a licence to open, establish or operate a .....  
(pit or quarry)

on the lands described as follows:

.....  
(lot) (concession) (township)  
.....  
(county or district, etc.)

consisting of ..... acres, more or less.  
(number)

The estimated amount of ..... to be extracted annually is ..... tons.  
(material) (number)

The operation will be a ..... operation with a ..... plant  
(permanent or intermittent) (portable or permanent)

installation.

The day fixed by the Minister of Natural Resources as the last day upon which written objections may be  
filed with him under subsection 5 (1) of the Act is ....., 1973.

.....  
(signature of applicant)

.....  
(title of signing officer if a  
corporation)

Dated this ..... day of ....., 19...

O. Reg. 47 /73, s. 2.

Form 6

*Pits and Quarries Control Act*

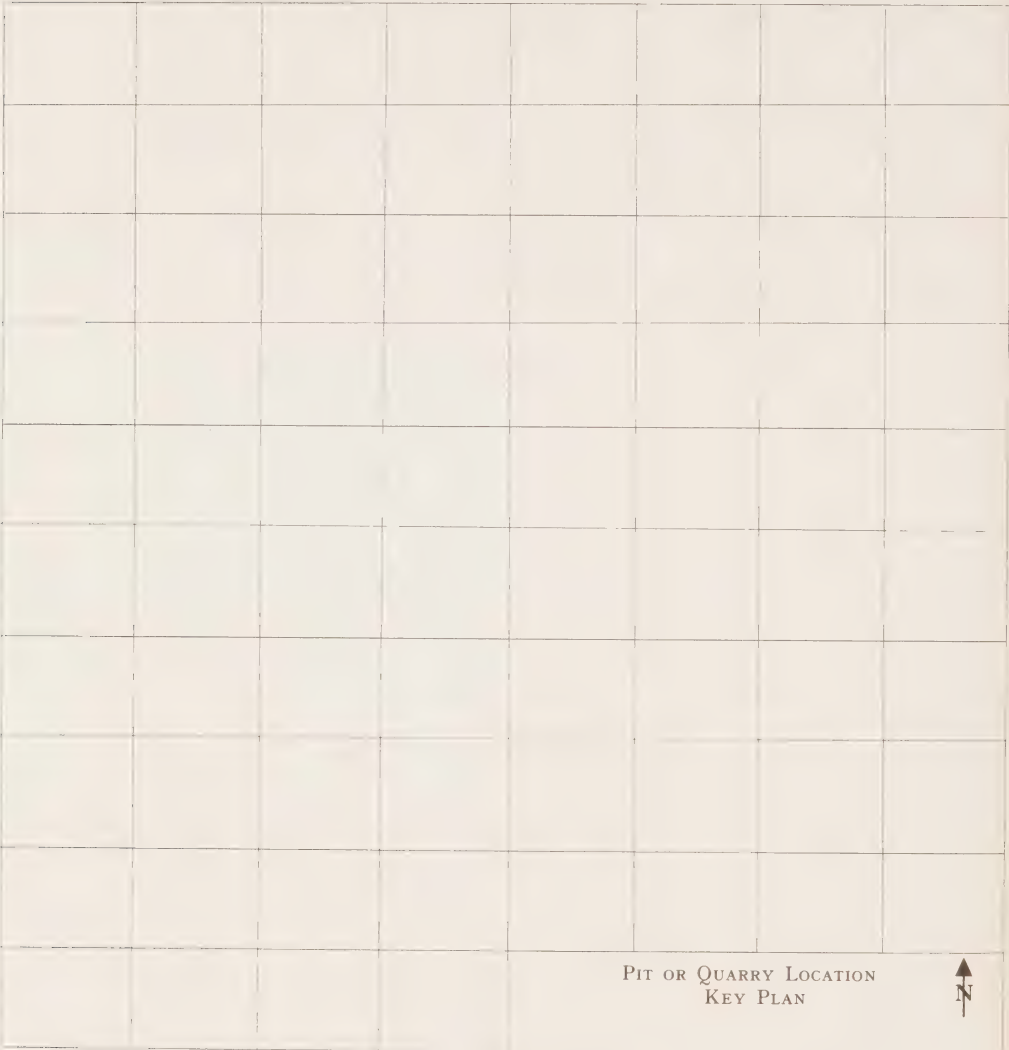
SHORT FORM OF SITE PLAN

1. Date Operation to begin.....
2. Duration of Operation.....
3. Area of Pit or Quarry to be worked.....acres
4. Proposed depth of excavation.....feet

5. Details of stripping and disposition of stripping . . . . .  
.  
.  
.
6. Type of excavation equipment to be used . . . . .  
.  
.  
.
7. Proposed final grades of excavation . . . . .  
.  
.  
.
8. Proposed excavation setbacks from road and property boundaries where applicable . . . . .  
.  
.  
.
9. Proposed drainage provisions . . . . .  
.  
.  
.
10. Are products to be stockpiled, Yes ☐ No ☐ Duration . . . . .
11. A site map (see next page) shall accompany this site plan and shall show,
- (a) the size, shape, location and acreage of the property to be worked ;
  - (b) the topography of the property by contours, spot elevations or by an estimated slope of the land ;
  - (c) the location and use of all lands and buildings within 500 feet of the property to be used for the pit or quarry operation ;
  - (d) the location and dimension of all buildings or structures on the property or to be erected on the property ; and
  - (e) all entrances and exits.

12. Describe the proposed rehabilitation of the property and intended use of the property after the termination of operations.....

SITE MAP



Indicate North by  
adding arrow above

NOTE: Key plan should show Pit or Quarry  
location in relation to position on property and to  
the nearest Town, Village etc. (Not to scale)—  
SEE NEXT PAGE FOR LEGEND

FIELD SKETCH LEGEND

NORTH DIRECTION TO BE TOWARDS TOP OF SKETCH

PROBABLE OUTLINE OF DEPOSIT:

PIT OR QUARRY  
FACE:



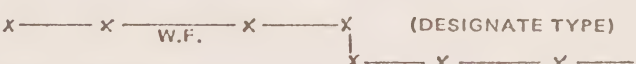
SAMPLE FROM CHANNELLED FACE:



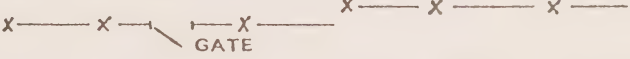
TEST HOLE:



FENCE:



GATE:



BUILDINGS: (DESIGNATE TYPE)



HIGHWAYS:



OTHER ROADS:



RIVER OR CREEK:



BRIDGE:



MARSH:

( indicates free water )



BUSH:



OR



TREES:

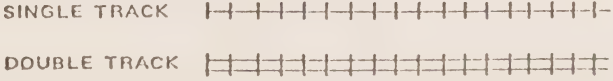


DECIDUOUS



CONIFEROUS

RAILWAYS:



TELEPHONE OR

HYDRO POLES :





## REGULATION 785

### under the Planning Act

#### NOTICE REQUIREMENTS— RESTRICTED AREA BY-LAWS

##### 1. In this Regulation,

(a) “chief planning officer” means,

(i) in the case of a local municipality, the planner designated by resolution of the council of the local municipality to complete Schedule 3 of Form 1, and

(ii) in the case of a regional municipality or a county, the planner designated by resolution of the regional municipality or county to complete Schedule 4 of Form 1;

(b) “regional municipality” means a regional, metropolitan or district municipality and the County of Oxford. O. Reg. 78/80, s. 1.

2. Where a municipality proceeds under subsection 39 (26) of the Act, the clerk of the municipality shall give or cause to be given notice in Form 1 to the persons referred to in subsection 4 (1). O. Reg. 78/80, s. 2.

3.—(1) Where a notice in Form 1 is served under this Regulation, objections to the by-law must be filed with the clerk of the municipality within twenty-one days of the date of the mailing, personal service or publication of the notice, as the case may be.

(2) The twenty-one day period referred to in subsection (1) does not include the date of mailing, personal service or publication of the notice, as the case may be. O. Reg. 78/80, s. 3.

4.—(1) Subject to subsections (4) and (5), a notice in Form 1 shall be given by personal service or by prepaid first class mail,

(a) to all owners of land,

(i) within the area to which the by-law applies,

(ii) within 120 metres of the area to which the by-law applies, and

(iii) where the owner of land to which the by-law applies also owns adjoining land, any part of which extends 120 metres or more from the land to which the by-law applies, to all owners of lands abutting such adjoining land,

according to the last revised assessment roll at the addresses shown therein or as amended as the result of notification of a change in ownership received in writing by the clerk of the municipality;

(b) to every person who has sent by mail or delivered to the clerk of the municipality a request for notice of the passing of the by-law;

(c) to the secretary of every school board having jurisdiction within the area to which the by-law applies;

(d) to the secretary of every gas company operating a gas utility in the municipality;

(e) to the secretary of every municipal or other corporation operating an electric utility in the municipality;

(f) to the secretary of the local Architectural Conservation Advisory Committee, if any, where the by-law either applies to or adjoins property or districts designated under Part IV of the *Ontario Heritage Act*;

(g) except in The Regional Municipality of Haldimand-Norfolk and The Regional Municipality of Sudbury, to the secretary-treasurer of every planning board having jurisdiction in the area to which the by-law applies and to the chief planning officer of the regional municipality or county having jurisdiction in the area municipality;

(h) to the clerk of every local municipality adjoining the area to which the by-law applies or within one kilometre of the area to which the by-law applies;

(i) to the secretary of every planning board having jurisdiction in a local municipality adjoining the area to which the by-law applies;

(j) in The Regional Municipality of Haldimand-Norfolk and The Regional Municipality of Sudbury, to the clerk of the area municipality in which the area to which the by-law applies is situate;

(k) to the clerk of the county, if the area to which the by-law applies is within forty-five metres of a highway over which the county has jurisdiction;

- (l) to the clerk of the regional municipality if the area to which the by-law applies is within forty-five metres of a highway over which the regional municipality has jurisdiction;
- (m) to the secretary-treasurer of every conservation authority having jurisdiction in the area to which the by-law applies;
- (n) to the Ministry of Natural Resources addressed to the manager of the district office having jurisdiction in the area to which the by-law applies;
- (o) where the area to which the by-law applies is within or adjoining the Niagara Escarpment Planning Area, to the Niagara Escarpment Commission addressed to the senior planner of the district office having jurisdiction in the area to which the by-law applies;
- (p) to the Director, Route and Site Selection Division, Ontario Hydro, 700 University Avenue, Toronto, Ontario, M5G 1X6;
- (q) where any part of the land to which the by-law applies is within the jurisdiction of the Ministry of Transportation and Communications under section 34 or 38 of the *Public Transportation and Highway Improvement Act*, to the Ministry of Transportation and Communications addressed to the Head, Corridor Control Section, 1201 Wilson Avenue, Downsview, Ontario, M3M 1J8;
- (r) to the Ministry of the Environment addressed to the Director of the regional office having jurisdiction in the area to which the by-law applies; and
- (s) to the Executive Director of the Plans Administration Division of the Ministry of Housing, 56 Wellesley Street West, Toronto, Ontario, M7A 2K4.

(2) For the purposes of subclause (1) (a) (iii), land shall be deemed to abut adjoining land even though it is separated from it by a highway.

(3) Where there has been a disruption in mail service within the three days immediately following the mailing of a notice by prepaid first class mail under subsection (1), or by registered mail under subsection (5), the notice shall be deemed to have been mailed on the day that mail service is resumed.

(4) In lieu of giving the notice required by clause (1) (a) by personal service or by prepaid first class mail, where the notice required by the said clause (a) is required to be given to more than 100 owners, the council of the municipality may direct the clerk of the municipality to give, or cause to be given, the notice to the persons referred to in the said clause (a) through publication once a week for two consecutive weeks in a newspaper having general circulation in the area to

which the by-law applies and the notice shall be published in Form 1.

(5) If the notices required to be given in accordance with clause (1) (a) are not more than ten in number, the notices required by the said clause (a) shall be given by personal service or by registered mail. O. Reg. 78/80, s. 4.

5.—(1) Subject to subsection (2), Schedule 3 of Form 1 shall be completed by the chief planning officer of the local municipality in which the land to which the by-law applies is situate or, where there is no chief planning officer, Schedule 3 of Form 1 shall be completed by the clerk of the municipality.

(2) Schedule 3 of Form 1 shall not be included in the notice required by subsection 4 (1) where the land to which the by-law applies is situate in,

(a) The Regional Municipality of Durham, The Regional Municipality of Haldimand-Norfolk, The Regional Municipality of Sudbury, The District Municipality of Muskoka or the County of Oxford; or

(b) a local municipality, where the only official plan in effect is the official plan for the regional municipality or the county. O. Reg. 78/80, s. 5.

6.—(1) Where the land to which the by-law applies is situate,

(a) in a regional municipality; or

(b) in a planning area for which the county is the designated municipality of the planning area,

Schedule 4 of Form 1 shall be completed by the chief planning officer of the regional municipality or the county, as the case may be.

(2) Schedule 4 of Form 1 shall not be included in the notice required by subsection 4 (1) where there is no official plan of a regional municipality or county in effect. O. Reg. 78/80, s. 6.

## Form 1

### Planning Act

#### NOTICE OF THE PASSING OF A BY-LAW BY THE CORPORATION OF THE ..... OF ..... TO REGULATE LAND USE UNDER SECTION 39 OF THE *PLANNING ACT*

TAKE NOTICE that the Council of .....

.....  
(name of the municipal corporation)

has passed By-law ..... on the ..... day of

..... 19... under the provisions of section 39 of the *Planning Act*.

The following Schedules are attached hereto:

1. Schedule 1, being a copy of By-law .....
2. Schedule 2, consisting of the following:

i. An explanation of the purpose and effect of the by-law.

ii. A key map which shows the location of the lands to which the by-law applies (*or, where there is no key map, an explanation as to why a key map is not included*).

3. (*Where required*) Schedule 3, being a statement from the chief planning officer or the clerk of the local municipality in which the land to which the by-law applies is situate.

4. (*Where required*) Schedule 4, being a statement of the chief planning officer of the regional, district or metropolitan municipality or county in which the land to which the by-law applies is situate.

ANY PERSON INTERESTED MAY, within twenty-one days after the date of the mailing, personal service or publication of this notice, file with the clerk of

.....  
(*name of the municipal corporation*)  
notice of an objection to the approval of the said By-law or part thereof together with details of all or that portion of the By-law to which there is objection and detailed reasons thereof.

ANY PERSON wishing to support the application for approval of the By-law may, within twenty-one days after the date of the mailing, personal service or publication of this notice, file with the clerk of

.....  
(*name of the municipal corporation*)  
notice of support of the application for approval of the said By-law.

If no notice of objection has been filed with the clerk of the municipality within the time provided, the By-law thereupon comes into effect and does not require the approval of the Ontario Municipal Board.

If a notice of objection has been filed with the clerk of the municipality within the time provided, the By-law shall be submitted to the Ontario Municipal Board and the By-law does not come into effect until approved by the Ontario Municipal Board.

THE LAST DATE FOR FILING OBJECTIONS IS

.....  
(*insert a date, not a holiday, twenty-one days after the date of the mailing, personal service or publication of the notice*).

THE OBJECTION MUST BE RECEIVED BY THIS DATE IN ORDER TO BE VALID.

Dated at the ..... of ..... this  
..... day of ..... 19.....

.....  
.....  
(*name of clerk with address where objections may be sent*)

Schedule 1

The following is a copy of By-law .....

Schedule 2

1. By-law ..... has the following purpose and effect:
2. Key map showing location of the lands to which By-law ..... applies (*or explanation as to why there is no key map*)

(*Insert key map or explanation*)

Schedule 3

STATEMENT OF CONFORMITY TO THE OFFICIAL PLAN

FOR .....  
(name of planning area(s))

I, .....  
the .....  
(chief planning officer or clerk of the municipality, as the case may be)

have reviewed By-law ..... of .....  
(name of the municipal corporation)

I am of the opinion that: (select applicable provision)

☐ The By-law is in conformity with the official plan(s) in effect for .....  
(name of planning area(s))

☐ The official plan(s) in effect for .....  
(name of planning area(s))

do not contain provisions that apply to land to which this By-law applies.

\_\_\_\_\_  
(Chief Planning Officer or Clerk of the municipality,  
as the case may be)

Schedule 4

STATEMENT OF CONFORMITY TO THE OFFICIAL PLAN FOR

.....  
(name of regional, district, metropolitan or county planning area)

I, ....., the Chief Planning Officer  
of .....  
(name of regional, district, metropolitan or county corporation)

have reviewed By-law ..... of .....  
(name of municipal corporation)

I am of the opinion that: (select applicable provision)

☐ The By-law is in conformity with the official plan in effect for .....  
(name of regional, district, metropolitan or  
county planning area)

OR

☐ The official plan in effect for .....  
(name of regional, district, metropolitan or county planning area)

does not contain provisions that apply to land to which this By-law applies.

\_\_\_\_\_  
Chief Planning Officer  
O. Reg. 78/80, Form 1.

# REGULATION 786

under the Planning Act

## RULES OF PROCEDURE—CONSENT APPLICATIONS

### 1. In this Regulation,

- (a) "application" means an application in Form 1 in which the applicant has answered all the questions and provided all materials necessary for the processing of the application by the committee;
- (b) "committee" means the land division committee or the committee of adjustment or the planning board having jurisdiction for the granting of consents in the area in which the lands that are the subject matter of the application are situate;
- (c) "secretary-treasurer" means the secretary-treasurer of a committee. O. Reg. 732/78, s. 1.

### APPLICATIONS

2.—(1) An applicant for a consent under section 29 of the Act shall submit to the secretary-treasurer at least two, or as many as may be required by the committee, copies of the application.

(2) The owner or his agent or solicitor shall sign an application.

(3) Where an application is signed by the agent or solicitor of the owner, a written authorization, signed by the owner, authorizing the solicitor or agent to sign the application on behalf of the owner, must be submitted with the application.

(4) Where an applicant is a corporation, an officer of the corporation shall sign the application and the Corporate seal shall be affixed to the application. O. Reg. 732/78, s. 2.

3.—(1) The applicant shall attach to each copy of the application a sketch containing the information required in item 18 of Form 1.

(2) Where required by the committee, the sketch referred to in subsection (1) shall be a plan of survey signed by an Ontario Land Surveyor but otherwise a hand-drawn sketch, drawn to scale, is acceptable. O. Reg. 732/78, s. 3.

4. The secretary-treasurer shall note the date of receipt on all copies of each application. O. Reg. 732/78, s. 4.

## HEARINGS

5. The secretary-treasurer shall, by personal service or by regular or registered mail, give written notice of the time and place of the hearing of each application to the applicant at the address shown on the application not less than fourteen days prior to the day of the hearing. O. Reg. 732/78, s. 5.

6. The secretary-treasurer shall, by personal service or by regular or registered mail, give written notice of the time and place of the hearing of each application to which notice there will be attached copies of that portion of Form 1 comprising items 1 to 17, and a copy of the sketch referred to in section 3 and a request for the written comments of the recipients, not less than fourteen days prior to the day of hearing, to,

- (a) the senior planning officer of the municipality or, where there is no senior planning officer, to the clerk of the municipality within which the subject lands are situate;
- (b) the senior planning officer or, where there is no senior planning officer, to the chief administrative officer of the district, metropolitan or regional municipality, where the land that is the subject of the application is situate in a municipality that forms part of a district, metropolitan or regional municipality;
- (c) the senior planning officer or, where there is no senior planning officer, to the clerk of the county where the land that is the subject of the application abuts a county road;
- (d) the secretary-treasurer of each planning board having jurisdiction in the area in which the subject land is situate;
- (e) except where municipally owned and operated water and sanitary sewerage facilities are available to the land that is the subject of the application, to a director appointed in respect of Part VII of the *Environmental Protection Act*;
- (f) where the land that is the subject of the application abuts or has access to a provincial highway, to the regional director of the region of the Ministry of Transportation and Communications and to the

district engineer of the district of the said Ministry in which the land is situate;

- (g) where the land that is the subject of the application lies within the Niagara Escarpment Planning Area, to the Chairman of the Niagara Escarpment Commission; and
- (h) any department, ministry or agency of the federal or provincial government, any other municipality and any other local board, commission or person that the committee directs;
- (i) the Executive Director of the Plans Administration Division of the Ministry of Housing, 56 Wellesley Street West, Toronto, Ontario, M7A 2K4, where the Executive Director has requested such notice;
- (j) where the land that is the subject of the application,
  - (i) abuts land belonging to Her Majesty in right of Ontario that are unpatented lands,
  - (ii) is adjacent to or covered by water,
  - (iii) is designated in a hazard land category in an official plan, or
  - (iv) is designated in a mineral resource category in an official plan,

to the District Manager of the District of the Ministry of Natural Resources where the land is situate; and

- (k) where the land that is the subject of an application,
  - (i) is land designated in an agricultural or rural category in an official plan, or
  - (ii) is in any area where the soils are classified in Class 1, 2, 3 or 4 of The Canada Land Inventory of soil capability,

to a field officer of the Food Land Development Branch of the Ministry of Agriculture and Food. O. Reg. 732/78, s. 6; O. Reg. 680/80, s. 1.

7. Where a hearing is adjourned and the committee does not at the time of adjournment fix a time and place for the further hearing of the application and announce it to those in attendance, the chairman of the committee shall, prior to such adjournment, announce to those in attendance that notice of the time and place for further hearing will be sent to only those persons who leave their names and addresses in writing with the secretary-treasurer and thereafter only such persons are entitled to notice of the further hearing. O. Reg. 732/78, s. 7.

## RECORDS

8. The secretary-treasurer or, where the office of secretary-treasurer is vacant or he is unable to carry out his duties through illness or otherwise, some other person authorized by the committee shall attend all meetings and hearings and shall maintain all applications submitted to the committee, together with all correspondence addressed to the committee and all other records of the committee, and minutes of all the committee's meetings and hearings to include full and sufficient particulars of all written comments in relation to each application. O. Reg. 732/78, s. 8.

9. For every three-month period, commencing on the 1st days of January, April, July and October, respectively, the secretary-treasurer shall complete the statistical report for each consent application on a form to be supplied by the Minister. O. Reg. 732/78, s. 9.

10. On the 22nd days of January, April, July and October, respectively, the statistical report referred to in section 9 for each consent application for the immediately preceding three calendar months shall be submitted to the Executive Director of the Plans Administration Division of the Ministry of Housing by the secretary-treasurer. O. Reg. 186/79, s. 1.

11. The secretary-treasurer shall complete the "For Office Use Only" section in Form 1. O. Reg. 732/78, s. 11.

## SUBMISSIONS

12.—(1) In this section, "submission" means the documents referred to in subsections 49 (11) and (12) of the Act.

(2) Submissions shall be prefixed with the letter "B" and shall be numbered consecutively, commencing at "1" at the beginning of each calendar year, followed by an oblique stroke and the last two digits of the year. O. Reg. 732/78, s. 12.

13. Where the land that is the subject of the application is situate in a municipality that forms part of the district, metropolitan or regional municipality, the secretary-treasurer shall send by mail a copy of the decision certified by the secretary-treasurer and minutes of the hearing in respect of such application to the senior planning officer of the district, metropolitan or regional municipality unless such district, metropolitan or regional municipality has notified the committee by personal service or registered mail that it does not wish to receive the submissions from the committee. O. Reg. 732/78, s. 13.

14. Where the land that is the subject matter of an application lies within the Niagara Escarpment Planning Area, copies of the decision, certified by the secretary-treasurer and minutes of the hearing in respect of such application shall be sent by mail by the secretary-treasurer to the Chairman of the Niagara Escarpment Commission. O. Reg. 732/78, s. 14.

15. Where the committee, in granting the consent,
- (a) has not stipulated either that subsection 29 (3) or (5) of the Act shall apply to any subsequent conveyance or transaction, the certificate required by subsection 49 (21) of the Act, when affixed to a deed or other document relating to a transaction in respect of which a consent has been given, shall be a stamp in Form 2 and when not so affixed,

shall be a certificate in Form 3; or

(b) has stipulated either that subsection 29 (3) or (5) of the Act shall apply to any subsequent conveyance or transaction, the certificate required by subsection 49 (21) of the Act, when affixed to a deed or other document relating to a transaction in respect of which a consent has been given, shall be a stamp in Form 4 and when not so affixed, shall be a certificate in Form 5. O. Reg. 186/79, s. 2.

Form 1

Planning Act

APPLICATION FOR CONSENT

1. Name of Committee/Planning Board.....
2. Location of Land:
- County (district, regional municipality, etc.).....

Municipality (city, town, village, township).....

Concession Number..... Lot(s).....

Registered Plan Number..... Lot(s).....

Name of Street.....
3. Name of Owner..... Telephone Number.....
- Address.....
4. Name of person(s) (purchaser, lessee, mortgagee, etc.) to whom land or interest in land is to be conveyed, leased or mortgaged.....
5. Type and Purpose of Transaction:
- Conveyance

i. ☐ creation of new lot

ii. ☐ technical severance (i.e., the land being severed and the land being retained were formerly separate holdings but have since become consolidated)

iii. ☐ addition to a lot

iv. ☐ creation of lot(s) for semi-detached or row housing

☐ Mortgage or Charge

☐ Partial Discharge of Mortgage

☐ Easement/Right of way

☐ Agreement of Sale and Purchase

☐ Correction of title

☐ Other (specify)

6. Total number of lots (including retained lots) which are the subject of this application.....

7. (1) Use of land to be severed:

	Existing	Proposed
Urban Residential	<input type="checkbox"/>	<input type="checkbox"/>
Farm Related Rural Residential	<input type="checkbox"/>	<input type="checkbox"/>
Non-Farm Related Rural Residential	<input type="checkbox"/>	<input type="checkbox"/>
Seasonal Residential	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Home Park	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>
Tourist Recreational	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Institutional	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Parkland	<input type="checkbox"/>	<input type="checkbox"/>
Bushland	<input type="checkbox"/>	<input type="checkbox"/>
Utility	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>

(2) Elaborate with particulars of any item(s) designated above.

(3) Number and type of buildings and structures (both existing and proposed) on the land to be severed.

8. (1) Use of land to be retained:

	Existing	Proposed
Urban Residential	<input type="checkbox"/>	<input type="checkbox"/>
Farm Related Rural Residential	<input type="checkbox"/>	<input type="checkbox"/>
Non-Farm Related Rural Residential	<input type="checkbox"/>	<input type="checkbox"/>
Seasonal Residential	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Home Park	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>
Tourist Recreational	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Institutional	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Parkland	<input type="checkbox"/>	<input type="checkbox"/>

Bushland	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>

(2) Elaborate with particulars of any item(s) designated above.

(3) Number and type of existing buildings and structures on the land to be retained.

9. Dimensions of land to be severed:

Frontage.....

Average width.....

Average depth.....

Area.....

10. Dimensions of land to be retained:

Frontage.....

Average width.....

Average depth.....

Area.....

11. Is the severed lot to be conveyed to a family member?

Yes ☐ No ☐

If yes, relationship.....

12. Is the retained lot to be used for retirement purposes?

Yes ☐ No ☐

13. Is the purpose of the severance to dispose of a surplus dwelling?

Yes ☐ No ☐

14. (1) Services (Proposed)

☐ Municipal Water and Sewers

☐ Municipal Water and Private Sewage System

☐ Municipal Sewer and Well

☐ Well and Private Sewage System

☐ Other (specify)

(2) When will proposed services be available?.....

## 15. Access to lands intended to be severed and retained:

- (1) Unopened Road Allowance ☐  
     Open Municipal Road ☐  
     Regional Road ☐  
     County Road ☐  
     Provincial Highway ☐  
     Other (specify).....

(2) Name of road/street.....

- (3) Is access by water? Yes ☐ No ☐

If yes, what boat docking and parking facilities are available at the point of road access?

.....

- (4) If there is no access by public road, street or water, what means of access is proposed?

.....

## 16. (1) Has the Owner previously severed any land from the land holdings in which the land to be severed is situate?

Yes ☐ No ☐

- (2) If the answer to (1) is yes,

How many separate parcels have been created?.....

When were these parcels created?.....

For what uses?.....

Show these parcels on the sketch required under item 18.

17. (1) Is the subject property the subject of a current application for a plan of subdivision under section 36 of the *Planning Act*?

Yes ☐ No ☐

- (2) Is the owner, solicitor or agent applying for any additional consents for the owner simultaneous to this application?

Yes ☐ No ☐

- (3) Is the owner, solicitor or agent applying for any minor variance or permission to extend or enlarge under section 49 of the *Planning Act* in relation to any land that is the subject of this application?

Yes ☐ No ☐

## 18. Each application must be accompanied by a sketch showing,

- (a) abutting lands owned by the grantor showing the boundaries and dimensions;  
 (b) the distance between the grantor's land and the nearest township lot line or appropriate landmark (e.g., bridge, railway crossing, etc.);

- (c) the parcel of land that is the subject of the application showing the boundaries and dimensions of the parcel and showing the part of the parcel that is to be severed and the part that is to be retained and the location of all land previously severed;
- (d) the approximate location of all natural and artificial features on the subject land (e.g., buildings, railways, highways, watercourses, drainage ditches, banks, slopes, swamps, wooded areas, wells and septic tanks) and the location of any of these features on adjacent lands which may effect the application;
- (e) the use of adjoining lands (e.g., residential, agricultural, cottage, commercial, etc.);
- (f) the location, width and names of all road allowance, rights of way, street or highway within or abutting the property, indicating whether they are public travelled roads, private roads or rights of way or unopened road allowances;
- (g) the location and nature of any restrictive covenant or easement affecting the subject land.

19. Name of applicant's solicitor (if any).....  
Address..... Telephone Number.....

20. Name of authorized agent (if any).....  
Address..... Telephone Number.....

21. Please specify to whom all communications should be sent:

Owner	Agent	Solicitor
		..... (signature of applicant, solicitor or authorized agent)

Dated at the ..... of ..... this .....  
day of ....., 19...

NOTE: It is required that ..... copies of this application be filed, together with the sketches as outlined in item 18, with the secretary-treasurer and be accompanied by a fee of \$...... in cash or by cheque made payable to the .....

I, ....., of the ..... of .....  
in the ..... of ..... solemnly declare that:  
All the above statements and the statements contained in all of the exhibits transmitted here-with are true, and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

DECLARED before me at the.....  
of ..... in the .....  
of ..... this ..... day  
of ....., 19...  
A Commissioner, etc.

NOTE: If this application is signed by an agent or solicitor on behalf of an applicant, written authorization of the owner must accompany the application. If the applicant is a corporation, the application shall be signed by an officer of the corporation and the corporation's seal shall be affixed.

For Office Use Only

1. To be completed prior to Hearing—

- i. Committee File Number .....
- ii. Committee Submission Number .....
- iii. Hearing Date .....
- iv. Date of receipt of *completed* application .....
- v. Checked by .....
- vi. Zoning By-law Number ..... Sections ..... Zone .....
- vii. Official Plan designation .....
- viii. Agricultural Land Use Classification in Canada Land Inventory .....
- ix. Site visit carried out by staff or committee member:  

Yes ☐No ☐
- x. Minor Variance or By-law amendment needed:  

Yes ☐No ☐
- xi. Authorization of owner received (if required):  

Yes ☐No ☐
- xii. Conformity with the Agricultural Code of Practice (if applicable):  

Yes ☐No ☐

2. To be completed prior to mailing submission to Minister, senior planning officer, etc.

Date notice of decision sent to the applicant, to the Minister and, where applicable, to the senior planning officer or the chief administrative officer (as the case may be) of the district, metropolitan or regional municipality and, where applicable, the Chairman of the Niagara Escarpment Commission.....

O. Reg. 732/78, Form 1.

Form 2

Planning Act

CERTIFICATE OF SECRETARY-TREASURER

Pursuant to subsection 49 (21) of the *Planning Act*, I certify that the consent of the ..... of the ..... of (land division committee, committee of adjustment or planning board) ..... was given on ..... 19.. to the transaction to which the within instrument relates.

.....  
Secretary-Treasurer

Dated this ..... day of....., 19...

O. Reg. 732/78, Form 2.

Form 3

Planning Act

CERTIFICATE OF SECRETARY-TREASURER

Pursuant to subsection 49 (21) of the *Planning Act*, I certify that the consent of the .....  
..... of the ..... of  
(land division committee, committee of adjustment or planning board)  
..... was given on ....., 19.. to  
.....  
(enter type of transaction above, i.e., conveyance, mortgage, etc.)  
the following described lands: (set out full description of lands that are the subject of the consent).

.....  
Secretary-Treasurer

Dated this ..... day of ....., 19..

O. Reg. 732/78, Form 3.

Form 4

Planning Act

CERTIFICATE OF SECRETARY-TREASURER

Pursuant to subsection 49 (21) of the *Planning Act*, I  
certify that the consent of the .....  
.....  
(land division committee, committee of adjustment  
.....  
or planning board)  
of the ..... of .....  
.....  
was given on ....., 19.. to the transaction to  
which the within instrument relates. Subsec-  
tion 29 (3) or (5), as the case may be, of the *Planning Act*  
applies to any subsequent conveyance or transaction of or  
in relation to the parcel of land being the subject of this  
consent.

.....  
Secretary-Treasurer

Dated this ..... day of ....., 19..

O. Reg. 186/79, s. 3, *part*.

Form 5

Planning Act

CERTIFICATE OF SECRETARY-TREASURER

Pursuant to subsection 49 (21) of the *Planning Act*, I  
certify that the consent of the .....  
.....  
(land division committee, committee of adjustment  
.....  
or planning board)  
of the ..... of ..... was given on  
....., 19.. to .....  
(enter type of transaction  
.....  
above, i.e., conveyance, mortgage, etc.)  
the following lands: (set out full description of lands that  
are the subject of the consent).

Subsection 29 (3) or (5) , as the case may be, of the  
*Planning Act* applies to any subsequent conveyance or  
transaction of or in relation to the parcel of land being  
the subject of this consent.

.....  
Secretary-Treasurer

Dated this ..... day of ....., 19..

O. Reg. 186/79, s. 3, *part*.



## REGULATION 787

### under the Planning Act

#### RULES OF PROCEDURE—MINOR VARIANCE APPLICATIONS

##### INTERPRETATION

##### 1. In this Regulation,

- (a) "application" means an application in Form 1;
- (b) "committee" means the committee of adjustment having jurisdiction in the area in which the lands that are the subject of the application are situate;
- (c) "secretary-treasurer" means the secretary-treasurer of a committee. O. Reg. 155/78, s. 1.

##### APPLICATIONS

2. An application under subsection 49 (1) or (2) of the Act shall be submitted to the secretary-treasurer in as many copies as the committee may require. O. Reg. 155/78, s. 2.

3. A plan containing the information required in item 9 of Form 1 shall be attached to each copy of the application. O. Reg. 155/78, s. 3.

4. The secretary-treasurer shall note the date of receipt on all copies of each application. O. Reg. 155/78, s. 4.

##### HEARING

5.—(1) The secretary-treasurer shall, by personal service or by regular or registered mail, give written notice of the time and place of the hearing of each application, together with a brief explanation of the nature of the application, not less than ten days prior to the day of the hearing to,

- (a) the applicant;
- (b) each person shown in the application to be an encumbrancer of the property that is the subject of the application;
- (c) the senior planning officer or, where there is no senior planning officer, to the clerk of the municipality within which the subject lands are situate;
- (d) the senior planning officer or, where there is no senior planning officer, to the chief administrative officer of the district, metropolitan or regional municipality, where the land that is the subject of the appli-

cation is situate in a municipality that forms part of a district, metropolitan or regional municipality;

- (e) the senior planning officer or, where there is no senior planning officer, to the clerk of the county where the land that is the subject of the application abuts a county road;
- (f) the secretary-treasurer of each planning board having jurisdiction in the area in which the subject lands are situate;
- (g) the official responsible for issuing building permits in the area in which the subject lands are situate;
- (h) all assessed owners of land lying within sixty metres of any land or building that is the subject of the application except that, where a condominium development is located within sixty metres of any land or building that is the subject of the application, notice shall be given to each member of the Board of Directors of the condominium development in lieu of notification to all assessed owners; and
- (i) any department or agency of the federal or provincial government, any other municipality and any other local board, commission or person that the committee directs.

(2) Notwithstanding subsection (1), where a restricted area by-law restricts the use of the land which is the subject of that application to single-family, semi-detached or duplex housing and the application is for a minor variance under subsection 49 (1) of the Act, the committee of adjustment may direct that the area of notification set out in clause (1) (h) be reduced to thirty metres. O. Reg. 155/78, s. 5.

6. Where the notice of hearing is given by regular or registered mail it shall be sent,

- (a) in the case of the applicant or any encumbrancers, to the address given in the application; and
- (b) in the case of the assessed owners, to the address shown on the last revised assessment roll. O. Reg. 155/78, s. 6.

7. When notice is given in accordance with section 5 by personal service or by regular mail rather than by registered mail, the secretary-treasurer shall, prior to the hearing on the appli-

cation, place on file an affidavit or declaration duly sworn setting out the particulars of the giving of the notice and such affidavit or declaration shall have attached thereto a copy or facsimile of the notice and a list of the names and addresses of all persons and agencies to whom such notice was given. O. Reg. 155/78, s. 7.

8. In addition to the notice required by section 5, the committee may direct that the secretary-treasurer publish notice of hearing in such manner as the committee determines. O. Reg. 155/78, s. 8.

9. Signed, written submissions shall be accepted by the secretary-treasurer prior to or during the hearing and such written submissions shall be available for inspection at the hearing by any interested person. O. Reg. 155/78, s. 9.

10. Where a hearing is adjourned and the committee does not, at the time of adjournment, fix a time and place for the further hearing of the application and announce it to those in attendance, the chairman of the committee shall announce to those in attendance that notice of the time and place for the further hearing will be sent only to those persons who leave their names and addresses in writing with the secretary-treasurer and thereafter, only such persons are entitled to notice of the further hearing. O. Reg. 155/78, s. 10.

#### RECORDS

11. The secretary-treasurer or where the office of secretary-treasurer is vacant or he is unable to carry on his duties through illness or otherwise, some other person authorized by the committee of adjustment shall attend all meetings and hearings and shall keep all applications submitted to the committee, minutes of all the committee's meetings and hearings, all correspondence addressed to the committee and all other records of the committee. O. Reg. 155/78, s. 11.

#### SUBMISSIONS

12.—(1) In this section, "submission" means the documents referred to in subsections 49 (11) and (12) of the Act.

(2) Submissions shall be prefixed with the letter "A" and shall be numbered consecutively, commencing at "1" at the beginning of each calendar year, followed by an oblique stroke and the last two digits of the year.

(3) Where the land that is the subject of the application is situate in a municipality that forms part of a district, metropolitan or regional municipality, the secretary-treasurer shall send by mail a submission in respect of such application to the senior planning officer of the district, metropolitan or regional municipality unless such district, metropolitan or regional municipality has notified the committee by registered mail that it does not wish

to receive submissions from the committee. O. Reg. 155/78, s. 12.

### Form 1

#### Planning Act

#### APPLICATION FOR MINOR VARIANCE OR FOR PERMISSION

The undersigned hereby applies to the Committee of

Adjustment for the .....  
(name of municipality)

under subsection 49 (1) or (2) of the *Planning Act* for relief, as described in this application, from By-Law

No. .... (as amended).

1. Name of Owner .....

Telephone Number .....

2. Address .....

3. Name of Agent (if any) .....

Telephone Number .....

4. Address .....

NOTE: Unless otherwise requested all communications will be sent to the agent, if any.

5. Names and addresses of any mortgagees, holders of charges or other encumbrancers:

.....  
.....  
.....  
.....

6. Nature and extent of relief applied for:

.....  
.....  
.....  
.....

7. Why is it not possible to comply with the provisions of the by-law?

.....  
.....  
.....  
.....

- |   |  |
|---|--|
| <p>8. Legal description of subject lands (registered plan number and lot number or other legal description <i>and</i>, where applicable, street and street number):<br/>.....<br/>.....<br/>.....<br/>.....</p> <p>9. The applicant shall attach to each copy of this application a plan showing the dimensions of the subject lands and of all abutting lands and showing the location, size and type of all buildings and structures on the subject and abutting lands, and where required by the Committee of Adjustment such plan shall be signed by an Ontario land surveyor.</p> <p>10. Dimensions of lands affected:</p> <p>Frontage .....<br/>Depth .....<br/>Area .....<br/>Width of street .....</p> <p>11. Particulars of all buildings and structures on or proposed for the subject lands: (Specify ground floor area, gross floor area, number of storeys, width, length, height, etc.)</p> <p>Existing:<br/>.....<br/>.....<br/>.....<br/><br/>Proposed:<br/>.....<br/>.....<br/>.....</p> <p>12. Location of all buildings and structures on or proposed for the subject lands: (Specify distance from side, rear and front lot lines)</p> <p>Existing:<br/>.....<br/>.....</p> | <p>Proposed:<br/>.....<br/>.....<br/>.....<br/>.....</p> <p>13. Date of acquisition of subject lands:<br/>.....</p> <p>14. Date of construction of all buildings and structures on subject lands:<br/>.....</p> <p>15. Existing uses of the subject property:<br/>.....<br/>.....<br/>.....</p> <p>16. Existing uses of abutting properties:<br/>.....<br/>.....<br/>.....</p> <p>17. Length of time the existing uses of the subject property have continued:<br/>.....<br/>.....<br/>.....</p> <p>18. Municipal services available: (Check appropriate space or spaces)</p> <p>Water ..... Connected.....<br/>Sanitary Sewers..... Connected.....<br/>Storm sewers .....</p> |
|---|--|

19. Present Official Plan provisions applying to the land:

.....  
.....  
.....  
.....

20. Present Restricted Area By-law (Zoning By-Law) provisions applying to the land:

.....  
.....  
.....  
.....

21. Has the owner previously applied for relief in respect of the subject property?

Yes                      No

If the answer is yes, describe briefly

.....  
.....  
.....  
.....

22. Is the subject property the subject of a current application for consent under section 29 of the *Planning Act*?

Yes                      No

.....  
(signature of applicant or  
authorized agent)

Dated at the ..... of ..... this  
..... day of ..... 19....

NOTE: It is required that ..... copies of this application be filed with the secretary-treasurer of the Committee of Adjustment together with the plan referred to in item 9

and be accompanied by a fee of \$.....  
in cash or by cheque made payable to the

Treasurer of the .....  
(name of municipality)

I, ..... of the .....  
of ..... in the .....  
of ..... solemnly declare that:

All of the above statements are true and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

Declared before me at the  
..... of .....  
in ..... of .....  
this ..... day of .....

A.D. 19....

.....  
A Commissioner, etc.

# REGULATION 788

## under the Plant Diseases Act

### GENERAL

#### DESIGNATION OF PLANT DISEASES

1. The diseases named in the Schedule are designated plant diseases within the meaning of the Act. R.R.O. 1970, Reg. 677, s. 1.

#### DUTIES OF PROVINCIAL ENTOMOLOGIST

2. The Provincial Entomologist shall,

- (a) instruct inspectors in methods of controlling or eradicating plant diseases;
- (b) assist inspectors by supplying information in respect of plant diseases;
- (c) supervise the work of the inspectors; and
- (d) carry out his duties prescribed by the Act and this Regulation. R.R.O. 1970, Reg. 677, s. 2.

#### DUTIES OF INSPECTORS

3. Inspectors shall,

- (a) carry out such duties as are assigned to them by the Director and the Provincial Entomologist under the Act and this Regulation; and
- (b) report on inspections with respect to the control or eradication of plant diseases to the Director and the Provincial Entomologist. R.R.O. 1970, Reg. 677, s. 3.

#### LICENCES

4.—(1) An application for a licence to operate a nursery shall be in Form 1.

(2) A licence to operate a nursery shall be in Form 2.

(3) The fee for a licence in Form 2 is \$1 and shall be forwarded with the application for the licence.

(4) A licence in Form 2 expires with the 31st day of December of the year for which it is issued. R.R.O. 1970, Reg. 677, s. 4.

5.—(1) An application for a licence as a dealer in nursery stock shall be in Form 3.

(2) A licence as a dealer in nursery stock shall be in Form 4.

(3) The fee for a licence in Form 4 is \$1 and shall be forwarded with the application for the licence.

(4) A licence in Form 4 expires with the 31st day of December of the year for which it is issued. R.R.O. 1970, Reg. 677, s. 5.

#### ESTABLISHMENT OF PLANT DISEASE CONTROL AREAS

6.—(1) One or more persons may petition the Director for the establishment of a plant disease control area for any designated plant disease and the petition shall include,

- (a) the defined limits of the area;
- (b) the name of the plant disease;
- (c) the names and addresses of all owners or occupiers of land within the area; and
- (d) the names and addresses of all persons petitioning.

(2) A petition shall be in Form 5.

(3) On receipt of a petition under subsection (1), the Director shall obtain a report from the Provincial Entomologist or an inspector in respect of the establishment of the plant disease control area petitioned for.

(4) The director may by order establish the area petitioned for as a plant disease control area with such variations and for such period of time as he considers proper.

(5) Where a plant disease control area has been established for a plant disease, every person owning or occupying land within the area shall carry out the provisions of the Act and this Regulation with respect to the control or eradication of the plant disease on his land. R.R.O. 1970, Reg. 677, s. 6.

#### CONTROL OR ERADICATION OF PLANT DISEASES

7.—(1) No person who operates a nursery shall,

- (a) take stock or permit stock to be taken for the purpose of propagation from any tree or shrub infected with a plant disease; or
- (b) use or permit to be used stock taken for the purpose of propagation from any tree or shrub infected with a plant disease.

(2) No person who operates a nursery or is a dealer in nursery stock shall sell or permit to be sold nursery stock propagated from stock obtained for purposes of propagation from any tree or shrub infected with a plant disease. R.R.O. 1970, Reg. 677, s. 7.

8.—(1) Every person licensed to operate a nursery or to be a dealer in nursery stock may attach to,

(a) any plant; and

(b) where more than one plant is packaged in a box or other container, the box or other container,

a certificate as to the freedom from plant disease of the plant or plants, as the case may be.

(2) Upon the report of an inspector, the Provincial Entomologist may issue the certificate to the licensee.

(3) A certificate shall be in Form 6. R.R.O. 1970, Reg. 677, s. 8.

#### APPLE MAGGOT

9. Every person who is the owner or occupant of land on which there are apple trees or hawthorn trees in a plant disease control area for apple maggot, or in a municipality having a by-law designating maggot as a plant disease under section 12 of the Act, shall,

(a) spray the trees during the apple growing season in a manner and with such materials as are prescribed by the Director and at such intervals of time, but at least twice during the season, as will ensure destruction of apple maggot; or

(b) cut down and destroy before the 30th day of June all hawthorn trees or apples trees growing on the land. R.R.O. 1970, Reg. 677, s. 9.

#### BACTERIAL RING ROT

10.—(1) Subject to subsection (2), where bacterial ring rot is found in potatoes, the owner or person in possession of the potatoes shall dispose of all potatoes on the premises in the manner set out in subsections (4) and (5),

(a) where the bacterial ring rot is found on or before the 15th day of February, not later than the 15th day of March next following; and

(b) where the bacterial ring rot is found after the 15th day of February, within two weeks of the finding of bacterial ring rot or before the 15th day of March, whichever is the later.

(2) Subsection (1) does not apply to potatoes that are treated before the 15th day of February with maleic hydrazide and that after the treatment show no evidence of sprouting at any time.

(3) Potatoes infected with bacterial ring rot may be disposed of for any purpose other than for seed.

(4) Subject to subsection (5), where in disposing of potatoes infected with bacterial ring rot the potatoes are removed from the premises in bags or other containers, the bags or other containers shall be marked with the words "table potatoes"

(5) Potatoes infected with bacterial ring rot that are in containers not marked with the words "table potatoes" shall be,

(a) used for processing purposes;

(b) fed to live stock;

(c) removed from the premises for the purpose of processing, feeding to live stock or destruction; or

(d) destroyed so that the premises can be disinfected.

(6) The owner or person in possession of premises on which potatoes infected with bacterial ring rot are found shall, after disposal of all potatoes, disinfect,

(a) all warehouses, cellars, bins and other parts of the premises in which the potatoes were handled or stored;

(b) all machinery, other equipment and tools that come into contact with the potatoes;

(c) all parts of vehicles that were used in the transportation of potatoes and that came into contact with the potatoes;

(d) all bags, crates and baskets used in handling or storing the potatoes; and

(e) all potato planters and other equipment and tools used in the planting of the potato crop in which bacterial ring rot was found.

(7) Except with the written permission of an inspector, disinfection under subsection (6) shall be made before any potatoes are brought upon the premises.

(8) Disinfection under subsection (6) shall be made,

(a) in the case of warehouses, cellars, bins and other parts of premises, and crates and baskets, by spraying thoroughly all surfaces with copper sulphate solution prepared by dissolving copper sulphate in water in the proportion of one pound of copper sulphate to ten gallons of water;

(b) in the case of machinery, other equipment, tools and vehicles, by spraying thoroughly or drenching all exposed surfaces thereof with a solution of formalin prepared by mixing formalin with water in the proportion of one pint of formalin to thirty gallons of water; and

(c) in the case of bags, by soaking them for at least two hours in the solution prescribed in clause (b).

(9) No person shall use or permit to be used machinery, other equipment, tools or vehicles that have been in contact with potatoes infected with bacterial ring rot unless the machinery, other equipment, tools or vehicles have been disinfected.

(10) Every person owning or occupying premises where bacterial ring rot is found in potatoes shall, upon the request of an inspector, report the manner of disposal of all potatoes from the premises and, where the potatoes have been disposed of to other persons, the names and addresses of the persons.

(11) No person shall exhibit potatoes infected with bacterial ring rot at any agricultural fair or exhibition.

(12) No person shall store seed-potatoes in any part of a warehouse or other place of storage where potatoes infected with bacterial ring rot were stored unless that part of the warehouse or other place of storage is disinfected before the seed-potatoes are stored.

(13) No dealer shall store seed-potatoes in any warehouse or other place of storage commonly used for potato storage unless the entire space to be used for storage of the seed-potatoes is disinfected before the seed-potatoes are stored or is used only for the storage of seed-potatoes. R.R.O. 1970, Reg. 677, s. 10.

#### BLACK KNOT

11. Every person who is the owner or occupier of land on which there are trees or shrubs in a plant disease control area for black knot, or in a municipality having a by-law designating black knot as a plant disease under section 12 of the Act, shall,

(a) in the case of infestation by black knot on the trunk of a tree, cut out the area of infestation; and

(b) in the case of infestation by black knot on a shrub, or the limb of a tree, cut off the shrub or limb at least four inches below the area of infestation,

and destroy all infested parts of the tree or shrub by burning. R.R.O. 1970, Reg. 677, s. 11.

#### FIRE BLIGHT AND SAN JOSE SCALE

12. Every person who operates a nursery or is a dealer in nursery stock shall break down and destroy by burning all plants infected with fire blight or infested with San Jose scale on his premises. R.R.O. 1970, Reg. 677, s. 12.

#### LITTLE PEACH, PEACH YELLOWS, X-DISEASE

13. Every person who is the owner or occupier of land on which there are peach trees shall cut down and destroy by burning all peach trees infested with little peach, peach yellows or X-disease of peach. R.R.O. 1970, Reg. 677, s. 13.

#### Schedule

Item	Common Name	Scientific Name
1	Apple maggot	Rhagoletis pomonella (Walsh)
2	Bacterial ring rot	Corynebacterium sepe-donium (Spieck. & Kotth.) Skapt. & Burkh.
3	Black knot	Dibotryon morbosum (Schw.) R. & S.
4	Fire blight	Erwinia amylovorus (Burrill) Winslow et al.
5	Little peach	Little peach virus
6	Peach yellows	Peach yellows virus
7	X-disease of peach	X-disease virus
8	San Jose scale	Aspidiotus perniciosus Comst.
9	Bulb and stem nematode	Ditylenchus dipsaci (Kuhn 1857) Filipjev, 1936

R.R.O. 1970, Reg. 677, Sched.

#### Form 1

#### Plant Diseases Act

#### APPLICATION FOR LICENCE TO OPERATE A NURSERY

To: The Director,  
Farm Products Quality Branch,  
Ministry of Agriculture and Food,  
Legislative Buildings,  
Toronto.

.....  
(name of applicant)

.....  
(address)

applies for a licence to operate a nursery under the *Plant Diseases Act* and the regulations, and in support of this application the following facts are stated:

1. Business address of applicant.....

2. Name of nursery.....

3. Owner of nursery.....  
(give name of person, partnership or corporation, and if partnership, give names of all partners)

4. Head office of nursery.....  
(lot and concession or street address, municipality, county, etc.)

5. Locations of premises where plants are grown or offered for sale:

Item	Lot No.	Con- cession	Town- ship	County, etc.
1				
2				
3				
4				

6. The premises of the nursery comply with the Act and the regulations.

7. The licence fee of \$1 accompanies this application.

.....  
(signature of applicant)

By .....  
(title of persons signing if a partnership or corporation)

R.R.O. 1970, Reg. 677, Form 1.

Form 2

*Plant Diseases Act*

Licence No.....

LICENCE TO OPERATE A NURSERY

Under the *Plant Diseases Act* and the regulations, and subject to the limitations thereof, this licence is issued

to.....  
(name)

.....  
(address)

to operate a nursery under the name of.....

.....  
at.....  
(location)

This licence expires with the 31st day of December, 19...

Issued at Toronto the.....day of....., 19...

.....  
Director

R.R.O. 1970, Reg. 677, Form 2.

Form 3

*Plant Diseases Act*

APPLICATION FOR A LICENCE  
AS A DEALER IN NURSERY STOCK

To: The Director,  
Farm Products Quality Branch,  
Ministry of Agriculture and Food,  
Legislative Buildings,  
Toronto.

.....  
(name of applicant)

.....  
(address)

applies for a licence as a dealer in nursery stock under the *Plant Diseases Act* and the regulations, and in support of this application the following facts are stated:

1. Business address of applicant.....

2. Owner of business.....  
(give name of person, partner-  
ship or corporation, and if partnership, give  
names of all partners)

3. Locations of premises where plants are grown  
or offered for sale:

Item	Lot No.	Con- cession	Town- ship	County, etc.
1				
2				
3				
4				

4. The premises where business is carried on and  
where plants are grown or offered for sale comply  
with the Act and the regulations.

5. The licence fee of \$1 accompanies this application  
.....  
(signature of applicant)

By .....  
(title of person signing, if a  
partnership or corporation)  
R.R.O. 1970, Reg. 677, Form 3.

Form 4

Plant Diseases Act

Licence No. ....

LICENCE AS A DEALER IN  
NURSERY STOCK

Under the *Plant Diseases Act* and the regulations,  
and subject to the limitations thereof, this licence  
is issued to .....  
(name)

.....  
(address)

as a dealer in nursery stock under the name of  
.....  
(name under which business is operated)

at .....  
(location)

This licence expires with the 31st day of December,  
19...

Issued at Toronto the.....day of.....,  
19...

.....  
Director  
R.R.O. 1970, Reg. 677, Form 4.

Form 5

Plant Diseases Act

PETITION FOR ESTABLISHMENT OF  
A PLANT DISEASE CONTROL AREA

FOR.....  
(name of plant disease)

To: The Director,  
Farm Products Quality Branch,  
Ministry of Agriculture and Food,  
Legislative Buildings,  
Toronto.

.....  
(name of petitioner) (address)

.....  
(name of petitioner) (address)

petition for the establishment of a plant disease  
control area for.....  
(name of plant disease)

under the *Plant Diseases Act* and the regulations,  
and in support of this petition the following facts  
are stated:

1. The defined limits of the plant disease control area  
petitioned for are as follows:.....  
(give the territorial limits of the

.....  
area and the locations of the orchards to be  
included in the area)

2. The names and addresses of all owners or occupiers of land within the area are as follows:

Item	Name	Address	State whether occupant is owner
1			
2			
3			
4			

3. Each petitioner undertakes to comply with the Act and the regulations providing for the control or eradication of ..... on lands that he owns or occupies within the area.  
(name of plant disease)

4. The particulars of the locations of the orchards in the area are as follows:

Item	Lot No.	Concession	Township	County, etc.	Acreage	
					Bearing	Non-bearing
1						
2						
3						
4						

5. Where the plant disease is apple maggot, state whether all apple-bearing trees are at least 300 yards from the limits of the plant disease control area:  
  
.....  
(yes or no)

6. The signatures of all petitioners:  
  
.....  
.....  
.....  
.....

Dated at ....., Ontario, the ..... day of ....., 19...

R.R.O. 1970, Reg. 677, Form 5.

Form 6

Plant Diseases Act

CERTIFICATE OF FREEDOM FROM PLANT DISEASES

CERTIFICATE No. ....

I certify that any plants

\*grown .....  
(state whether in the nursery, farm garden, orchard or other place)

\*kept on the premises of .....  
(name of dealer in nursery

..... located at .....  
stock)

are free from .....  
(state plant diseases)

under the *Plant Diseases Act* and the regulations.

Dated at ....., the ..... day of ....., 19...

.....  
Provincial Entomologist

\*Strike out words not applicable.

R.R.O. 1970, Reg. 677, Form 6.

REGULATION 789

under the Police Act

ARBITRATION

1. A copy of a decision of an arbitrator for filing in the office of the Registrar of the Supreme Court, under subsection 33 (3) of the Act, shall be in Form 1. R.R.O. 1970, Reg. 678, s. 1.

Form 1

Police Act

In the matter of the decision of an arbitrator under subsection 33 (1) of the *Police Act*.

Between:

Complainant,  
— and —  
Respondent.

To: The Registrar of the Supreme Court

I, ..... being the arbitrator (agreed upon by the parties) (appointed by the Solicitor General)  
(strike out whichever is not applicable)

hereby file a copy of my decision under subsection 33 (3) of the Act.

The decision is filed by me  
on the request of .....  
(strike out if not applicable)

- 1. Date and Place of Hearing:
- 2. Appearances for Complainant:
- 3. Appearances for Respondent:
- 4. Date of Decision:
- 5. Date of Delivery of Decision:
- 6. Date provided in Decision for Compliance:

The decision, exclusive of the reasons therefor, reads as follows:

Dated at ....., this .....  
day of ....., 19....

I certify this to be a true copy of my decision.

.....  
Arbitrator  
R.R.O. 1970, Reg. 678, Form 1.



## REGULATION 790

### under the Police Act

#### EQUIPMENT

1. This Regulation applies to police forces established under the Act. R.R.O. 1970, Reg. 679, s. 1.

2. In this Regulation,

- (a) "board" means a board of commissioners of police;
- (b) "chief of police" includes an acting chief of police;
- (c) "committee of council" means a committee composed of the head or acting head of council and two other members thereof appointed by council;
- (d) "firearm" means a firearm as defined in section 82 of the *Criminal Code* (Canada). R.R.O. 1970, Reg. 679, s. 2.

#### FIREARM

3.—(1) Subject to subsections (3) and (4), where the Commissioner or chief of police carries a firearm or authorizes any member of a police force under his control or administration to carry a firearm, the firearm issued and carried shall be a .38 special calibre all-steel double action revolver, with a minimum barrel length of four inches, a safety hammer block and a swingout cylinder, and having a minimum weight of thirty ounces and a single action trigger pressure of not less than three and not more than five pounds, but the Commissioner or chief of police may authorize any policewoman on the force under his control or administration to carry a revolver of the same specifications except that the minimum weight shall be twenty-three ounces and the minimum barrel length shall be three inches.

(2) Subject to subsections (3) and (4), the ammunition supplied for and used in a firearm prescribed in subsection (1) shall be factory loaded and shall have a solid bullet of lead alloy of semi-wadcutter configuration with a muzzle velocity not exceeding 1,000 feet per second when fired in a revolver with a four-inch barrel.

(3) The Commissioner or chief of police or any other constable or police officer designated for the purpose by the Commissioner or chief of police, may authorize a member of a police force under his control to carry, for a special purpose, a firearm of a type other than that prescribed in subsection (1).

(4) Where on the 15th day of October, 1975 the members of a police force were carrying firearms

of a type other than that prescribed by subsection (1), the Commission may, on such terms and conditions and for such period of time as it considers proper, authorize the continued carrying of such type of firearm. O. Reg. 895/75, s. 1.

4. Before a firearm is issued to a member of a police force, the Commissioner or chief of police, as the case may be, shall satisfy himself that the member has received instruction and is competent in its use, and where there is no chief of police, the board or committee of council, as the case may be, shall so satisfy itself. R.R.O. 1970, Reg. 679, s. 4.

5. The revolver shall be carried in a holster with a full flap cover, or be otherwise concealed. R.R.O. 1970, Reg. 679, s. 5.

6. No member of a police force shall draw or display his revolver, except when it is necessary to do so in the performance of his duty. R.R.O. 1970, Reg. 679, s. 6.

7. No member of a police force shall threaten or attempt to intimidate any person by means of a firearm, except when necessary in the performance of the member's duty. R.R.O. 1970, Reg. 679, s. 7.

8. No member of a police force shall draw his revolver except when he believes it may be necessary for the protection of his life or the life of another or when he believes that it is necessary in the apprehension or detention of a person whom he believes to be dangerous. R.R.O. 1970, Reg. 679, s. 8.

9.—(1) No member of a police force shall discharge a firearm in the performance of duty except where, on reasonable or probable grounds, he believes it necessary,

- (a) for the defence of his life or the life of another;
- (b) to effect the apprehension, when other means are insufficient, of a person whom he, on reasonable or probable grounds, believes to be dangerous;
- (c) to destroy a potentially dangerous animal or one that is so badly injured that humanity requires its removal from further suffering; or
- (d) to give an alarm or to call assistance for an important purpose, when no other means can be used.

(2) Sections 3 to 8 and subsection (1) do not apply to a member of a police force when engaged in target practice or ordinary weapon maintenance in accordance with the regulations of the police force. R.R.O. 1970, Reg. 679, s. 9.

**10.** Where a member of a police force, other than the Commissioner or chief of police, unintentionally or intentionally, except on a target range or in the course of ordinary weapon maintenance, discharges his firearm, the Commissioner or chief of police, as the case may be, shall immediately cause an investigation to be made into the circumstances. R.R.O. 1970, Reg. 679, s. 10.

**11.—(1)** Where a member of a police force, other than the Commissioner or chief of police, by the discharge of a firearm in the performance of his duty, kills or injures another person, the Commissioner or chief of police, as the case may be, shall immediately cause an investigation to be made into the circumstances.

(2) The Commissioner shall submit a report of any investigation made by him under subsection (1) to the Commission and the chief of police shall submit a report on any investigation made by him to the board or, where there is no board, with the committee of council.

(3) The Commission or the board or committee of council, on receiving a report of the Commissioner or the chief of police, as the case may be, under subsection (2) shall, as soon as practicable, review the report and make such further inquiries as it considers necessary or expedient.

(4) The board or committee of council shall file with the Commission any report submitted to it by the chief of police under subsection (2), together with a report of any additional inquiries undertaken.

(5) Where the Commissioner discharges his firearm in the performance of his duty, he shall forthwith report the matter to the Commission, who shall inquire into the circumstances.

(6) Where a chief of police discharges his firearm in the performance of his duty, he shall forthwith report the matter to the board or committee of council, as the case may be, and the board or committee shall inquire into the circumstances and file a report of such inquiry with the Commission.

(7) The Commission shall inform the Solicitor General of the contents of any report filed with it under subsection (2), (4), (5) or (6) and, on his request, submit to him a copy of such report for whatever action he considers necessary. R.R.O. 1970, Reg. 679, s. 11.

#### GAS AND CHEMICAL WEAPONS

**12.—(1)** Subject to subsection (2), no member of a police force shall use any gas or chemical weapon.

(2) The use of the substance commonly known as tear gas is permitted, provided it is not applied intentionally in concentrated form directly to the person. R.R.O. 1970, Reg. 679, s. 12.

## REGULATION 791

### under the Police Act

#### GENERAL—DISCIPLINE

##### PART I

##### MUNICIPAL POLICE FORCES

1. This Part applies to a police force established under Part II of the Act. R.R.O. 1970, Reg. 680, s. 1.

2. In this Part,

- (a) "agent" means a member of a police force or a *bona fide* member of an association or the Police Association of Ontario who has had at least five years experience with a police force governed by the Act;
- (b) "board" means a board of commissioners of police;
- (c) "chief of police" includes an acting chief of police;
- (d) "code" means the code of offences set out in the Schedule;
- (e) "committee of council" means a committee composed of the head or acting head of council and two other members thereof appointed by council;
- (f) "council" includes the trustees of a police village;
- (g) "counsel" means a barrister and solicitor authorized to practise in the courts of Ontario;
- (h) "presiding officer" means a chief of police, an acting chief of police, or an officer designated by the chief of police under section 3. R.R.O. 1970, Reg. 680, s. 2.

3. The chief of police may designate the deputy chief of police or, where the rank of inspector is established, any other officer of the rank of inspector or higher, who may exercise the powers and perform the duties of the chief of police in the hearing and disposition of charges. R.R.O. 1970, Reg. 680, s. 3.

#### DISCIPLINE

4. The code applies to every police force. R.R.O. 1970, Reg. 680, s. 4.

5.—(1) Where a constable or other police officer is charged with an offence against the code, the charge shall be in writing on a charge sheet and a true copy of the charge sheet shall be served, as soon as is practicable, upon the person charged, together with a statement of the allegations upon which the charge is founded.

(2) The charge sheet shall be prepared in accordance with Form 1 but may be varied to suit the case, and forms to the like effect shall be deemed to be good, valid and sufficient.

(3) The charge sheet shall be signed by the chief of police, or an officer designated by him, and shall show the date upon which it is so signed.

(4) All charges shall, where practicable, be included in one charge sheet, but where it is considered desirable the charges may be recorded in separate charge sheets.

(5) Where there is more than one charge in a charge sheet, the charges shall be numbered.

(6) A charge sheet shall be prepared for each person charged.

(7) Persons charged with the same offence may be tried jointly, notwithstanding they are charged on separate charge sheets.

(8) Each charge in the charge sheet shall,

- (a) allege one offence only; and
- (b) be divided into two parts as follows:

1. A statement of the offence with which the accused is charged.
2. A statement of the particulars of the act, omission, conduct, disorder or neglect constituting the offence.

(9) Every statement of the particulars of an offence in a charge sheet shall include sufficient details to enable the accused to determine exactly the offence with which he is charged, so that he may prepare his defence and direct it to the occasion and events indicated in the charge.

(10) A statement of the particulars of an offence shall, where practicable, include an allegation of the place, date and time of the alleged commission of the offence.

(11) The charge shall specifically designate whether the offence is minor or major.

(12) The charge sheet shall state the time and place that the person charged is to appear before the presiding officer, and such time shall be not sooner than seventy-two hours after the person charged has been served with a true copy of the charge sheet. R.R.O. 1970, Reg. 680, s. 5.

6. Any constable or other police officer may lay a complaint before a chief of police or any officer designated by him under section 3, alleging an offence in accordance with the code and the chief of police or designated officer shall consider the allegations in the complaint and, where he considers that the allegations so warrant, he shall sign the charge sheet. R.R.O. 1970, Reg. 680, s. 6.

7. Where a person charged appears before a presiding officer, he shall first be asked whether he requires further time to consider his plea and,

- (a) where he indicates that he does not require further time to consider his plea, he shall then be asked whether he pleads guilty or not guilty to each offence contained in the charge sheet; or
- (b) where he requests further time to consider his plea, a reasonable adjournment shall be granted and a new date set when he shall appear before the presiding officer, at which time he shall be asked whether he pleads guilty or not guilty to each offence contained in the charge sheet. R.R.O. 1970, Reg. 680, s. 7.

8.—(1) Where the person charged pleads guilty to an offence contained in the charge sheet, the presiding officer, after hearing sufficient evidence to inform himself as to the circumstances surrounding the commission of the offence and upon being satisfied as to the guilt of the person charged, may find him guilty and impose a punishment authorized by this Part.

(2) Where the presiding officer is not satisfied as to the guilt of the person charged, he shall direct that a plea of not guilty be entered.

(3) The person charged may, at any time before the presiding officer renders his verdict, change his plea to that of guilty or not guilty, as the case may be.

(4) The presiding officer may postpone the imposition of punishment for a period of time not longer than eight days. R.R.O. 1970, Reg. 680, s. 8.

9. Where a person charged pleads not guilty to an offence contained in the charge sheet, the presiding officer shall fix the time and place for the hearing of the charge and in fixing the time for the hearing, he shall allow the person charged a reasonable opportunity to prepare his defence. R.R.O. 1970, Reg. 680, s. 9.

10. The person charged may inform the presiding officer in writing of the names of the members of the police force whom he desires to give evidence at the hearing and the chief of police shall order those members to be present at the hearing. R.R.O. 1970, Reg. 680, s. 10.

11. The hearing and final disposition of a charge by way of review, confirmation or appeal shall be proceeded with as expeditiously as possible and, where undue delay occurs, the person charged may make application,

- (a) to the board or, where there is no board, to the committee of council; or
- (b) to the Commission,

to have the charge quashed and the board, committee of council or the Commission, as the case may be, may order that the charge be quashed and thereupon the person charged shall be deemed to have been acquitted of the charge. R.R.O. 1970, Reg. 680, s. 11.

12. The presiding officer may, in his discretion, before or during a hearing on notice to the person charged, adjourn the hearing to a time and place to be appointed, but no such adjournment shall unduly delay the hearing. R.R.O. 1970, Reg. 680, s. 12.

13.—(1) A chief of police may designate a counsel, constable or other police officer who shall have conduct of the hearing against the person charged and, in the conduct of the hearing, the person so designated may,

- (a) examine and cross-examine witnesses;
- (b) sum up the evidence in support of the charge; and
- (c) before the final verdict is rendered, at the direction of or with the consent of the chief of police, withdraw the charge.

(2) The constable or other police officer designated under subsection (1) shall be of equal rank to or higher rank than the person charged.

(3) The person charged is entitled to make his full answer and defence to the charge and, for such purpose, may examine and cross-examine witnesses and make representations on his behalf, either personally or by his counsel or agent. R.R.O. 1970, Reg. 680, s. 13.

14. A person charged may admit any fact alleged against him for the purpose of dispensing with proof thereof. R.R.O. 1970, Reg. 680, s. 14.

15. Where a person charged is acquitted, no reference to that charge or acquittal shall be entered in his personal record. R.R.O. 1970, Reg. 680, s. 15.

## TRIAL OF MINOR OFFENCES

16.—(1) Where the offence charged is a minor offence,

- (a) the evidence shall be given under oath but need not be taken down in writing; and
- (b) the person charged shall have an opportunity of,
  - (i) hearing the evidence against him,
  - (ii) calling witnesses, whether members of a police force or any other persons, in his defence, and
  - (iii) giving evidence as a witness on his own behalf.

(2) Where the person charged absconds or refuses or neglects without good and sufficient cause to attend the hearing at the time and place fixed, the case may be decided in his absence.

(3) Where the presiding officer has heard the person charged, the witnesses and any representations made, he shall, after considering the matter, convict the person charged or dismiss the charge, as the case may be.

(4) A person found guilty of a minor offence is liable to,

- (a) an admonition; or
- (b) forfeiture of leave or days off not exceeding five days; or
- (c) forfeiture of pay not exceeding three days pay.

(5) The decision of the presiding officer, including the punishment imposed, if any, shall be in writing and a copy shall forthwith be served upon the person charged.

(6) Where the presiding officer is not the chief of police he may refer, and on the request of the chief of police shall refer, the charge for hearing to the chief of police or another presiding officer designated by him, and the person charged shall be notified of the time and place fixed for the hearing.

(7) Where the presiding officer designated by the chief of police hears and decides a charge and imposes a punishment, the chief of police shall, within seven days, review the decision and punishment and either confirm or quash the conviction and he may confirm, mitigate, commute or remit any or all punishments imposed and shall forthwith notify the convicted person in writing of his decision.

(8) Where the chief of police fails to review the decision and punishment within seven days, he shall be deemed to have confirmed both the decision and punishment.

(9) A person found guilty of a minor offence may appeal his conviction or the punishment imposed, or both, as confirmed or altered by the chief of police,

- (a) where there is a board, to the board; or
- (b) where there is no board, to the committee of council.

(10) The appeal may be made by serving a notice thereof in writing upon,

- (a) the chief of police; and
- (b) where there is a board, the secretary of the board; or
- (c) where there is no board, the clerk of the municipality,

not later than fifteen days after the time of the service of the copy of the decision appealed from.

(11) The board or committee of council may, before or after the expiration of the time for service of a notice of appeal, extend the time for service for a further period not exceeding thirty days within which service may be effected.

(12) Where the chief of police is served with a notice of appeal, he shall forward the charge sheet to the board or committee of council and the board or committee shall decide the appeal by holding a hearing *de novo*, and for such purpose the provisions of this Part that apply to the initial hearing of a charge apply with necessary modifications to a hearing *de novo*.

(13) There shall be a verbatim record of every hearing under subsection (12).

(14) After the time for appeal has expired any punishment imposed under this section is subject to the approval of the board or committee of council, as the case may be, who may confirm, mitigate, commute or remit any or all punishments imposed and shall forthwith notify the convicted person in writing of its decision.

(15) A person convicted of a minor offence may appeal his conviction or the punishment imposed, or both, as confirmed or altered by the board or committee of council on appeal, to the Commission. R.R.O. 1970, Reg. 680, s. 16.

## TRIAL OF MAJOR OFFENCES

**17.—**(1) Where the offence charged is a major offence,

- (a) the witnesses shall be sworn;
- (b) the evidence shall be recorded verbatim by some reliable means; and
- (c) the person charged shall have an opportunity of,
  - (i) hearing the evidence against him,
  - (ii) calling witnesses, whether members of a police force or any other person, in his defence; and
  - (iii) giving evidence as a witness on his own behalf.

(2) Where the person charged absconds or refuses or neglects without good and sufficient cause to attend the hearing at the time and place fixed, the case may be decided in his absence.

(3) When the presiding officer has heard the person charged, the witnesses and any representations made, he shall, after considering the matter, convict the person charged or dismiss the charge, as the case may be.

(4) The decision of the presiding officer, including the punishment imposed, if any, shall be in writing and a copy shall forthwith be served upon the person charged.

(5) Where the presiding officer is not the chief of police, he may refer, and on request of the chief of police shall refer, the charge for hearing to the chief of police or another presiding officer designated by him, and the person shall be notified of the time and place fixed for the hearing.

(6) The chief of police may refer the charge for hearing before the board, or where there is no board, the committee of council and the provisions of this Part that apply to the hearing of a charge by the chief of police or a presiding officer designated by him apply with necessary modifications to the hearing of a charge by the board or committee of council.

(7) Where the presiding officer designated by the chief of police hears and decides a charge and imposes a punishment, the chief of police shall, within seven days, review the decision and punishment and either confirm or quash the conviction and he may confirm, mitigate, commute or remit any or all punishments imposed and shall forthwith notify the convicted person in writing of his decision.

(8) Where the chief of police fails to review the decision and punishment within seven days, he shall be deemed to have confirmed both the decision and punishment. R.R.O. 1970, Reg. 680, s. 17.

**18.—**(1) Upon notice to the person charged, other than a chief of police, a board, or where there is no board, a committee of council, may designate a county court judge, a district court judge or a provincial court judge (criminal division) who consents to the designation to hear a charge or appeal that the board or committee of council may hear.

(2) The provisions of this Part that apply to the hearing of a charge or an appeal by a board or committee of council apply with necessary modifications to a hearing by a judge designated under subsection (1).

(3) The judge designated under subsection (1) shall hear and determine the charge and where the accused is found guilty of an offence against the code shall impose a punishment authorized by this Part or shall hear and determine the appeal, as the case may be.

(4) The decision of the judge shall be deemed to be the decision of the board or committee of council that designated such judge. R.R.O. 1970, Reg. 680, s. 18.

**19.—**(1) A person found guilty of a major offence on a charge heard and determined by the chief of police or a presiding officer designated by him may appeal his conviction or the punishment imposed or both, as confirmed or altered by the chief of police,

- (a) where there is a board, to the board; or
- (b) where there is no board, to a committee of council.

(2) The appeal may be made by serving a notice thereof in writing not later than fifteen days after the time of the service of the copy of the decision appealed from to,

- (a) the chief of police; and
- (b) where there is a board, the secretary of the board; or
- (c) where there is no board, the clerk of the municipality.

(3) The board or committee of council may, before or after the expiration of the time for service of a notice of appeal, extend the time for service for a further period not exceeding thirty days within which service may be effected.

(4) Where the chief of police is served with a notice of appeal under this section, he shall forward to the board or committee of council, as the case may be, the record of the hearing including all documents, evidence and exhibits considered at the hearing, and the board or committee of council shall decide the appeal from the record but may, in special circumstances, hear such evidence as the board or committee of council considers advisable.

(5) The board or committee of council on appeal may,

- (a) confirm the conviction;
- (b) quash the conviction;
- (c) alter the punishment imposed as it considers just; or
- (d) order a new hearing of the charge,

and shall forthwith notify the appellant in writing of its decision. R.R.O. 1970, Reg. 680, s. 19.

**20.—(1)** After the time for appeal has expired any punishment imposed under this section is subject to the approval of the board or committee of council, as the case may be, who may confirm, mitigate, commute or remit any or all punishments imposed and the board or committee of council shall forthwith notify the convicted person in writing of its decision.

(2) A person found guilty of a major offence is liable to,

- (a) dismissal; or
- (b) be required to resign, and in default of resigning within seven days, to be summarily dismissed from the force; or
- (c) reduction in rank or gradation of rank; or
- (d) forfeiture of leave or days off not exceeding twenty days; or
- (e) forfeiture of pay not exceeding five days pay; or
- (f) a reprimand, which may be imposed in lieu of or in addition to any other punishment imposed.

(3) A person convicted of a major offence may appeal his conviction or the punishment imposed, or both, as confirmed or altered by the board or committee of council on appeal, to the Commission. R.R.O. 1970, Reg. 680, s. 20.

#### FORFEITURE OF PAY

**21.** Where a penalty of more than one day's forfeiture of pay is imposed, it shall be deemed to mean the forfeiture of not more than one day's pay in each pay period until the full penalty has been paid but, where the person convicted leaves the police force, the whole amount of the forfeiture of pay then remaining may be deducted from any pay then due. R.R.O. 1970, Reg. 680, s. 21.

#### TRIAL OF CHIEF OF POLICE

**22.** Section 5 applies with necessary modifications to a charge against a chief of police. R.R.O. 1970, Reg. 680, s. 22.

**23.—(1)** A charge against a chief of police may be laid by the chairman of a board or a member thereof, or where there is no board, by the head or acting head of council.

(2) The board or, where there is no board, the committee of council shall hear any charge against a chief of police.

(3) The board, or where there is no board, the committee of council may designate, and on the request of a chief of police so charged shall designate, a county court judge, a district court judge or a provincial judge (criminal division) to hear any charge that the board or committee of council may hear, but the judge designated by a board shall not be a member of the board.

(4) The judge so designated shall determine the charge and where the chief of police is found guilty of an offence against the code shall impose a punishment authorized by this Part.

(5) The decision of the judge shall be deemed to be the decision of the board or committee of council that designated such judge.

(6) The provisions of this Part that apply to the hearing of a charge against a constable or police officer in respect of a major offence, including the right to counsel, apply with necessary modifications to the hearing of a charge against a chief of police.

(7) A chief of police who is found guilty of an offence is liable to,

- (a) dismissal; or
- (b) be required to resign, and in default of resigning within seven days, to be summarily dismissed from the force; or
- (c) reduction in rank; or
- (d) reprimand.

(8) A chief of police convicted of an offence may appeal his conviction or the punishment imposed, or both, to the Commission. R.R.O. 1970, Reg. 680, s. 23.

#### APPEALS TO THE COMMISSION

**24.—(1)** In the case of a conviction of an offence, a notice of appeal to the Commission shall be in writing, directed to the chairman of the Commission and shall set forth the conviction, the punishment imposed and the grounds on which the appeal is based.

(2) The notice of appeal shall be served on the secretary of the board, where there is a board, or where there is no board, on the clerk of the municipality, and the Commission not later than fifteen days after the time the appellant receives notice of his conviction and the punishment imposed, as confirmed or altered on appeal.

(3) The Commission may, before or after the expiration of the time for service of a notice of appeal, extend the time for service for a further period not exceeding thirty days within which service may be effected.

(4) Where a notice of appeal is served on the secretary of the board or the clerk of the municipality, the board or committee of council shall forward to the Commission the original charge sheet with particulars of the conviction and the punishment imposed, and the record of the hearing, including all documents, evidence and exhibits.

(5) The Commission shall notify all parties of the time and place for the hearing of the appeal.

(6) The Commission shall decide the appeal from the record but may, in special circumstances, hear such evidence as the Commission considers advisable.

(7) The decision of the Commission is final.

(8) At the hearing of the appeal, the appellant, the chief of police and the board or committee of council, as the case may be, are entitled to appear and to be represented by counsel or agent and to present their argument.

(9) On the hearing of an appeal against a conviction or the punishment imposed, or both, the Commission may,

- (a) dismiss the appeal;
- (b) allow the appeal and quash the conviction and punishment imposed;
- (c) vary the punishment imposed as it considers just;
- (d) affirm the punishment imposed;
- (e) substitute a decision that in its opinion should have been reached; or
- (f) order a new hearing of the charge. R.R.O. 1970, Reg. 680, s. 24.

#### WITNESS FEES

25. Witnesses at a hearing under this Part, other than members of a police force, shall be paid by the municipality fees and expenses as follows:

- 1. Attending the hearing, each day . . . . . \$6

2. Where a witness travels by private automobile, 10 cents a mile each way for each mile necessarily travelled between his place of residence and the place where the hearing is held but where the hearing is held in the municipality where the witness resides, 75 cents.

3. Where a witness travels by means other than private automobile, a sum equal to the amount of the fare actually paid for the transportation from his place of residence to the place where the hearing is held, and return.

4. Where a witness is required to attend the hearing on more than one day and returns to his place of residence at night, the travelling allowance mentioned in paragraph 2 or 3, as the case may be, is payable in respect of each day's attendance.

5. Where a witness resides elsewhere and in the opinion of the person conducting the hearing it is desirable that the witness remain overnight at the place where the hearing is held, a sum actually and reasonably paid by him for living expenses. R.R.O. 1970, Reg. 680, s. 25.

#### SUSPENSIONS

26.—(1) Where a constable or other police officer is suspected of or is charged with a contravention of an Act of the Parliament of Canada or of the Legislative Assembly of the Province of Ontario, or is suspected of or charged with an offence against the code, the chief of police may suspend him from duty, but where the constable or other police officer is not charged within forty-eight hours after being suspended, he shall be returned to duty.

(2) The officer in charge of a station may exercise the powers of suspension of a chief of police under subsection (1), subject to such suspension being subsequently confirmed by the chief of police within twenty-four hours.

(3) Where a constable or other police officer is convicted of an offence for which a term of imprisonment is imposed, he may, notwithstanding any appeal, be suspended without pay.

(4) Subject to subsection (3), suspension of a constable or other police officer shall cease on the determination of the charge or charges against him.

(5) The chief of police may at any time revoke the suspension and order that the constable or other police officer be returned to duty.

(6) Where a police force has no chief of police, the acting chief of police, chairman of the board, or head or acting head of a council shall exercise the disciplinary powers and perform the duties of a chief of

police in suspending any constable or other police officer or in hearing any charge of an offence against the code, and for such purpose shall be deemed to be a chief of police.

(7) Where a chief of police is suspected of or is charged with a contravention of an Act of the Parliament of Canada or of the Legislative Assembly of the Province of Ontario, or suspected or charged with an offence against the code, the chairman of the board or a member thereof or, where there is no board, the head or acting head of council may suspend him from duty, but where the chief of police is not charged within forty-eight hours after being suspended, he shall be returned to duty.

(8) Where a chief of police is convicted of an offence for which a term of imprisonment is imposed, he may, notwithstanding any appeal, be suspended without pay.

(9) Subject to subsection (8), suspension of a chief of police shall cease on determination of the charge or charges against him.

(10) The chairman of the board or, where there is no board, the head or acting head of council may at any time revoke the suspension of a chief of police and order that he be returned to duty. R.R.O. 1970, Reg. 680, s. 26.

#### GENERAL

**27.** No chief of police, constable or other police officer is subject to any penalty under this Part except after a hearing and final disposition of a charge on appeal as provided by this Part, or after the time for appeal has expired, but nothing herein affects the authority of a board or council,

- (a) subject to the consent of the Commission, to dispense with the services of any member of a police force for the purpose of reducing the size of or abolishing the police force, where the reduction or abolition is not in contravention of the Act;
- (b) to dispense with the services of any constable within eighteen months of his becoming a constable;
- (c) to make rules or regulations for the retirement of members of the police force who are entitled to a pension under a pension plan established for the members of the force, under which the municipality contributes an amount not less than 5 per cent of the amount of the salaries of the members participating in the plan, and to retire the members in accordance with those rules or regulations;
- (d) to act in accordance with a report or recommendation of the Commission made under section 28; or

- (e) to discharge or place on retirement, if he is entitled thereto, any member of the force who, on the evidence of two legally qualified medical practitioners is, due to mental or physical disability, incapable of performing his duties in a manner fitted to satisfy the requirements of his position but any decision of the board or council made pursuant to this clause may be appealed to the Commission. R.R.O. 1970, Reg. 680, s. 27; O. Reg. 296/73, s. 1.

**28.** Where the Commission or any member thereof holds an investigation or inquiry under subsection 58 (1) of the Act and reports that any person referred to in the said subsection does not perform, or is incapable of performing, his duties in a manner fitted to, or his conduct is such as not to, satisfy the requirements of his position, the council or, where there is a board, the board, may,

- (a) reduce the person in rank and in pay in accordance with the rank to which he is reduced;
- (b) where the report is concurred in by all members of the Commission and it is so recommended therein, dismiss the person concerned or place him on retirement if he is entitled thereto. R.R.O. 1970, Reg. 680, s. 28.

**29.** Except with the consent of the chief of police, granted in accordance with the by-laws of the board or council, as the case may be, no member of a police force shall engage directly or indirectly in any other occupation or calling, and he shall devote his whole time and attention to the service of the police force. R.R.O. 1970, Reg. 680, s. 29.

**30.** To enable the Commission to carry out its duties under the Act, the members of police forces shall give their assistance and co-operation to the Commission and its members and staff. R.R.O. 1970, Reg. 680, s. 30.

**31.—(1)** No chief of police, constable or other police officer shall take or act upon any order, direction or instruction of a member of a board or council.

(2) Notwithstanding the code, a chief of police, constable or other police officer shall report forthwith to the Commission the particulars of any order, direction or instruction that he is prohibited from taking or acting upon under subsection (1), and the Commission shall report the particulars to the Solicitor General. R.R.O. 1970, Reg. 680, s. 31.

#### QUALIFICATIONS

**32.** No chief of police, constable or other police officer shall be appointed to a police force unless he,

- (a) is a Canadian citizen or a British subject;

- (b) is eighteen years of age or over;
- (c) is certified by a legally qualified medical practitioner to be in good health, mentally and physically, and fit for duty as a member of a police force;
- (d) produces satisfactory proof of having successfully completed at least two years secondary school education or its equivalent; and
- (e) is of good moral character and habits. O. Reg. 970/74, s. 1.

#### UNIFORM AND EQUIPMENT

33. All articles of uniform and equipment necessary for the performance of duty shall be provided by the municipality, but, where damage or loss occasioned by the fault of a member of a police force, the cost of replacement shall be borne by him. R.R.O. 1970, Reg. 680, s. 33.

#### BOARD OF COMMISSIONERS OF POLICE

34.—(1) A municipality shall pay to each member of the board who is designated by the Lieutenant Governor in Council or appointed by the Solicitor General,

- (a) in cities having a population exceeding 500,000 according to the last revised assessment roll, not less than \$1,000 a year;
  - (b) in cities having a population exceeding 100,000 and not exceeding 500,000 according to the last revised assessment roll, not less than \$500 a year;
  - (c) in cities having a population not exceeding 100,000 according to the last revised assessment roll, not less than \$300 a year; and
  - (d) in municipalities other than cities, not less than \$100 a year.
- (2) A board shall hold at least one regular meeting every three months. R.R.O. 1970, Reg. 680, s. 34.

#### OATH OF AUXILIARY MEMBER

35. The oath to be taken and subscribed to by an auxiliary member of a police force shall be in Form 3. R.R.O. 1970, Reg. 680, s. 35.

#### PART II

##### ONTARIO PROVINCIAL POLICE FORCE

36. This Part applies to the Ontario Provincial Police Force. R.R.O. 1970, Reg. 680, s. 36.

37. In this Part,

- (a) "agent" means a member of the Force or a *bona fide* member of an association or the Police Association of Ontario who has had at least five years experience with a police force governed by the Act;
- (b) "counsel" means a barrister and solicitor authorized to practise in the courts of Ontario;
- (c) "Force" means the Ontario Provincial Police Force;
- (d) "presiding officer" means the Commissioner or an officer designated by him under subsection 38 (1) or a judge designated under subsection 38 (3). R.R.O. 1970, Reg. 680, s. 37; O. Reg. 10/71, s. 1.

38.—(1) The Commissioner may designate a Deputy Commissioner, an Assistant Commissioner, or any other officer of the rank of Superintendent or higher, who may exercise the powers and perform the duties of the Commissioner in the hearing and disposition of charges, provided that on a plea of not guilty to a major offence a Superintendent shall refer the matter to the Commissioner who may, subject to subsections (2) and (3), hear the case himself or designate a Deputy Commissioner or an Assistant Commissioner to hear the case against the person charged.

(2) Where a plea of not guilty is entered to a major offence, the Commissioner may refer the matter to the Solicitor General with a recommendation that he appoint a judge to hear the case.

(3) Where the Solicitor General receives a recommendation under subsection (2), or in any case where he considers it proper to do so, he may, upon notice to the Commissioner and the person charged, designate a county court judge or a district court judge who consents to the designation to hear the charge.

(4) The provisions of this Part that apply to the hearing of a charge by the Commissioner apply with necessary modifications to a hearing by a judge designated under subsection (3).

(5) The decision of the judge shall be deemed to be the decision of the Commissioner. O. Reg. 10/71, s. 2.

## DISCIPLINE

39. The code of offences against discipline in the Schedule apply to the Force and in the code for the purposes of this Part "Chief of Police" means the Commissioner. R.R.O. 1970, Reg. 680, s. 39.

40.—(1) Where a constable or other police officer is charged with an offence against the code, the charge shall be in writing and a true copy of the charge sheet shall be served as soon as is practicable upon the person charged, together with a statement of the allegations upon which the charge is founded.

(2) The charge sheet shall be prepared in accordance with Form 2 but may be varied to suit the case, and forms to the like effect shall be deemed to be good, valid and sufficient.

(3) The charge sheet shall be signed by the Commissioner or an officer designated by him and shall show the date upon which it is so signed.

(4) All charges shall, where practicable, be included in one charge sheet but, where it is considered desirable, the charges may be recorded in separate charge sheets.

(5) Where there is more than one charge in a charge sheet, the charges shall be numbered.

(6) A charge sheet shall be prepared for each person charged.

(7) Persons charged with the same offence may be tried jointly, notwithstanding they are charged on separate charge sheets.

(8) Each charge in the charge sheet shall,

(a) allege one offence only; and

(b) be divided into two parts as follows:

1. A statement of the offence with which the accused is charged.

2. A statement of the particulars of the act, omission, conduct, disorder or neglect constituting the offence.

(9) Every statement of the particulars of an offence in a charge shall include sufficient details to enable the accused to determine exactly the offence with which he is charged, so that he may prepare his defence and direct it to the occasion and events indicated in the charge.

(10) A statement of the particulars of an offence shall, where practicable, include an allegation of the place, date and time of the alleged commission of the offence.

(11) The charge shall specifically designate whether the offence is minor or major.

(12) The charge sheet shall state the time and place that the person charged is to appear before the presiding officer, and such time shall be not sooner than seventy-two hours after the person charged has been served with a true copy of the charge sheet. R.R.O. 1970, Reg. 680, s. 40.

41. Any constable or other officer may lay a complaint before the Commissioner or any officer designated by him under section 38, alleging an offence in accordance with the Code, and the Commissioner or designated officer shall consider the allegations in the complaint and, where he considers that the allegations so warrant, he shall sign the charge sheet. R.R.O. 1970, Reg. 680, s. 41.

42. Where a person charged appears before a presiding officer, he shall first be asked whether he requires further time to consider his plea, and,

(a) where he indicates that he does not require further time to consider his plea, he shall then be asked whether he pleads guilty or not guilty to each offence contained in the charge sheet; or

(b) where he requests further time to consider his plea, a reasonable adjournment shall be granted and a new date set when he shall appear before the presiding officer, at which time he shall be asked whether he pleads guilty or not guilty to each offence contained in the charge sheet. R.R.O. 1970, Reg. 680, s. 42.

43.—(1) Where the person charged pleads guilty to an offence contained in the charge sheet, the presiding officer, after hearing sufficient evidence to inform himself as to the circumstances surrounding the commission of the offence and upon being satisfied as to the guilt of the person charged, may find him guilty and impose a punishment authorized by this Part.

(2) Where the presiding officer is not satisfied as to the guilt of the person charged, he shall direct that a plea of not guilty be entered.

(3) The person charged may, at any time before final adjudication, change his plea to that of guilty or not guilty, as the case may be.

(4) The presiding officer may postpone the imposition of punishment for a period of time not longer than eight days. R.R.O. 1970, Reg. 680, s. 43.

44. Where a person charged pleads not guilty to an offence contained in the charge sheet, the presiding officer shall fix the time and place for the hearing of the charge and in fixing the time for the hearing, he shall allow the person charged a reasonable

opportunity to prepare his defence. R.R.O. 1970, Reg. 680, s. 44.

45. The person charged may inform the presiding officer in writing of the names of the members of the Force whom he desires to give evidence at the hearing and the Commissioner shall order those members to be present at the hearing. R.R.O. 1970, Reg. 680, s. 45.

46. The hearing and final disposition of a charge by way of review, confirmation or appeal shall be proceeded with as expeditiously as possible and, where undue delay occurs, the person charged may make application to the Commission to have the charge quashed and the Commission may order that the charge be quashed and thereupon the person charged shall be deemed to have been acquitted of the charge. R.R.O. 1970, Reg. 680, s. 46.

47. The presiding officer may, in his discretion before or during a hearing, on notice to the person charged, adjourn the hearing to a time and place to be appointed, but no such adjournment shall unduly delay the hearing. R.R.O. 1970, Reg. 680, s. 47.

48.—(1) The Commissioner may designate a counsel, constable or other police officer who shall have conduct of the hearing against the person charged, and in the conduct of the hearing, the person so designated may,

- (a) examine and cross-examine witnesses;
- (b) sum up the evidence in support of the charge; and
- (c) before the final verdict is rendered, at the direction of or with the consent of the Commissioner, withdraw the charge.

(2) The constable or other police officer designated under subsection (1) shall be of equal rank to or higher rank than the person charged.

(3) The person charged is entitled to make his full answer and defence to the charge and, for such purpose, may examine and cross-examine witnesses and make representations on his behalf, either personally or by his counsel or agent. R.R.O. 1970, Reg. 680, s. 48.

49. The person charged may admit any fact alleged against him for the purpose of dispensing with proof thereof. R.R.O. 1970, Reg. 680, s. 49.

50. Where a person charged is acquitted, no reference to that charge or acquittal shall be entered on his personal record. R.R.O. 1970, Reg. 680, s. 50.

#### TRIAL OF MINOR OFFENCES

51.—(1) Where the offence charged is a minor offence,

- (a) the evidence shall be given under oath but need not be taken down in writing; and
- (b) the person charged shall have an opportunity of,
  - (i) hearing the evidence against him,
  - (ii) calling witnesses, whether members of a police force or any other persons, in his defence, and
  - (iii) giving evidence as a witness on his own behalf.

(2) Where the person charged absconds or refuses or neglects without good and sufficient cause to attend the hearing at the time and place fixed, the case may be decided in his absence.

(3) Where the presiding officer has heard the person charged, the witnesses and any representations made, he shall, after considering the matter, convict the person charged, or dismiss the charge, as the case may be.

(4) A person found guilty of a minor offence is liable to,

- (a) an admonition; or
- (b) forfeiture of leave or days off not exceeding five days; or
- (c) forfeiture of pay not exceeding three days pay.

(5) The decision of the presiding officer, including the punishment imposed, if any, shall be in writing and a copy shall forthwith be served upon the person charged.

(6) Where the presiding officer is not the Commissioner, he may refer, and on the request of the Commissioner, shall refer the charge for hearing to the Commissioner or another presiding officer designated by him, and the person charged shall be notified of the time and place fixed for the hearing.

(7) Where the presiding officer designated by the Commissioner hears and decides a charge and imposes a punishment, the Commissioner shall, within seven days, review the decision and punishment, and either confirm or quash the conviction and may confirm, mitigate, commute or remit any or all punishments imposed.

(8) Where the Commissioner fails to review the decision and punishment within seven days, he shall be deemed to have confirmed both the decision and punishment.

(9) A person convicted of a minor offence may appeal his conviction or the punishment imposed, or both, as confirmed or altered by the Commissioner, to the Commission. R.R.O. 1970, Reg. 680, s. 51.

#### TRIAL OF MAJOR OFFENCES

**52.—**(1) Where the offence charged is a major offence,

- (a) the witness shall be sworn;
- (b) the evidence shall be recorded verbatim by some reliable means; and
- (c) the person shall have an opportunity of,
  - (i) hearing the evidence against him,
  - (ii) calling witnesses, whether members of a police force or any other persons, in his defence, and
  - (iii) giving evidence as a witness on his own behalf.

(2) Where the person charged absconds or refuses or neglects without good and sufficient cause to attend the hearing at the time and place fixed, the case may be decided in his absence.

(3) When the presiding officer has heard the person charged, the witnesses and any representations made, he shall, after considering the matter, convict the person charged or dismiss the charge, as the case may be.

(4) The decision of the presiding officer, including the punishment imposed, if any, shall be in writing and a copy shall forthwith be served upon the person charged.

(5) Where the presiding officer is not the Commissioner, he may refer, and on request of the Commissioner, shall refer the charge for hearing to the Commissioner or another presiding officer designated by him, and the person charged shall be notified of the time and place fixed for the hearing.

(6) Where the presiding officer designated by the Commissioner hears and decides a charge and imposes a punishment, the Commissioner shall within seven days review the decision and punishment, and either confirm or quash the conviction and he may confirm, mitigate, commute or remit any or all punishments imposed and shall forthwith notify the convicted person in writing of his decision.

(7) Where the Commissioner fails to review the decision and punishment within seven days, he shall be deemed to have confirmed both the decision and punishment.

(8) A person found guilty of a major offence is liable to,

- (a) dismissal; or
- (b) be required to resign, and in default of resigning within seven days, to be summarily dismissed from the Force; or
- (c) reduction in rank or gradation of rank; or
- (d) forfeiture of pay not exceeding five days pay; or
- (e) forfeiture of leave or days off not exceeding twenty days; or
- (f) a reprimand, which may be imposed in lieu of or in addition to any other punishment imposed.

(9) A person convicted of a major offence may appeal his conviction or the punishment imposed, or both, as confirmed or altered by the Commissioner, to the Commission. R.R.O. 1970, Reg. 680, s. 52.

#### WHEN PENALTY TO TAKE EFFECT

**53.** No member of the Force is subject to any penalty under this Part except after a hearing and final disposition of a charge on appeal as provided by this Part, or after the time for appeal has expired. R.R.O. 1970, Reg. 680, s. 53.

#### FORFEITURE OF PAY

**54.** Where a penalty of more than one day's forfeiture of pay is imposed it shall be deemed to mean the forfeiture of not more than one day's pay in each pay period until the full penalty has been paid, but where the person convicted leaves the Force, the whole amount of the forfeiture of pay then remaining may be deducted from any pay then due. R.R.O. 1970, Reg. 680, s. 54.

#### SUBMISSION OF DECISION TO SOLICITOR GENERAL

**55.** Where a decision imposing punishment under this Part becomes final and action by the Lieutenant Governor in Council is required to implement the punishment, the Commissioner or Commission, as the case may be, imposing the punishment shall submit the decision to the Solicitor General for his recommendation to the Lieutenant Governor in Council. R.R.O. 1970, Reg. 680, s. 55.

## SUSPENSION FROM DUTY

56.—(1) Where a constable or other police officer is suspected of or charged with a contravention of an Act of the Parliament of Canada or of the Legislative Assembly of the Province of Ontario, or is suspected of or charged with an offence against the code, the Commissioner or a Deputy Commissioner of Assistant Commissioner may suspend him from duty until the charge has been disposed of, but where the constable or other police officer is not charged within seventy-two hours after being suspended, he shall be returned to duty.

(2) During the period of suspension, no member shall,

- (a) exercise any power or authority vested in him as a member of the Force; or
- (b) wear or use any article of clothing or equipment issued to him as a member of the Force.

(3) A superintendent or inspector in charge of a district may exercise the powers of suspension mentioned in subsection (1), subject to such suspension being subsequently confirmed by the Commissioner, a Deputy Commissioner or an Assistant Commissioner within seventy-two hours.

(4) The Commissioner may, at any time, revoke a suspension and order that the suspended constable or other police officer be returned to duty.

(5) Where a constable or other police officer is convicted of an offence for which a term of imprisonment is imposed, the Commissioner may, notwithstanding any appeal, suspend the constable or other police officer without pay. R.R.O. 1970, Reg. 680, s. 56.

## ACTING COMMISSIONER

57.—(1) Where there is a vacancy in the office of Commissioner or if, for any reason, the Commissioner is unable to carry on his duties, the Solicitor General may designate a Deputy Commissioner or an Assistant Commissioner to exercise the disciplinary powers and perform the duties of the Commissioner in suspending any constable or other police officer or in hearing or reviewing any charge of an offence against the code.

(2) Subject to subsection (1), where the Commissioner is temporarily absent or incapable of acting due to illness, a Deputy Commissioner or an Assistant Commissioner, designated by the Commissioner, may exercise the disciplinary powers and perform the duties of the Commissioner in suspending any constable or other police officer or in hearing or reviewing any charge of an offence against the code. R.R.O. 1970, Reg. 680, s. 57.

## APPEALS TO THE COMMISSION

58.—(1) In the case of a conviction of an offence, a notice of appeal shall be directed to the chairman of the Commission, setting forth the conviction, the punishment imposed and the grounds on which the appeal is based.

(2) The notice of appeal shall be served on the Commissioner and the Commission not later than fifteen days after the time the appellant received notice of his conviction and the punishment imposed, as confirmed or altered by the Commissioner.

(3) The Commission may, before or after the expiration of the time for service of a notice of appeal, extend the time for service for a further period not exceeding thirty days within which service may be effected.

(4) Where a notice of appeal is served on the Commissioner, he shall forward to the Commission the original charge sheet with particulars of the conviction and the punishment imposed, and the record of the hearing, including all documents, evidence and exhibits.

(5) The Commission shall notify all parties of the time and place for the hearing of the appeal.

(6) The Commission shall decide an appeal of a conviction of, or the punishment imposed for, a minor offence by holding a hearing *de novo*, and for such purpose the provisions of this Part that apply to the initial hearing of a charge apply with necessary modifications to a hearing *de novo*.

(7) The Commission shall decide an appeal of a conviction of, or the punishment imposed for, a major offence from the record but the Commission may, in special circumstances, hear such evidence as it considers advisable.

(8) The decision of the Commission is final.

(9) At the hearing of the appeal, the appellant and the Commissioner are entitled to appear and to be represented by counsel or agent and to present their argument.

(10) On the hearing of an appeal against a conviction or the punishment imposed, or both, the Commission may,

- (a) dismiss the appeal;
- (b) allow the appeal and quash the conviction and punishment imposed;
- (c) vary the punishment imposed as it considers just;
- (d) affirm the punishment imposed;

(e) substitute a decision that in its opinion should have been reached; or

(f) order a new hearing of the charge. R.R.O. 1970, Reg. 680, s. 58.

#### WITNESS FEES

59. Witnesses at a hearing under this Part, other than members of a police force, shall be paid by the Force fees and expenses as follows:

1. Attending the hearing each day .....\$6
2. Where a witness travels by private automobile, 10 cents a mile each way for each mile necessarily travelled between his place of residence and the place where the hearing is held but where the hearing is held in the municipality where the witness resides, 75 cents.
3. Where a witness travels by means other than private automobile, a sum equal to the amount of the fare actually paid for the transportation from his place of residence to the place where the hearing is held, and return.
4. Where a witness is required to attend the hearing on more than one day and returns to his place of residence at night, the travelling allowance mentioned in paragraph 2 or 3, as the case may be, is payable in respect of each day's attendance.
5. Where a witness resides elsewhere and in the opinion of the person conducting the hearing it is desirable that the witness remain overnight at the place where the hearing is held, a sum actually and reasonably paid by him for living expenses. R.R.O. 1970, Reg. 680, s. 59.

#### GENERAL

60. Where the Ontario Police Commission has held an inquiry into the conduct or capabilities of any member of the Force under subsection 43 (3) of the Act and reports that the member does not perform or is incapable of performing his duties in a manner fitted to, or his conduct is such as not to, satisfy the requirements of his position, the Commission may recommend to the Solicitor General that the member be dismissed, placed on retirement if he is entitled thereto, or reduced in rank and pay, but a recommendation for dismissal shall not be made unless it is concurred in by all members of the Commission. R.R.O. 1970, Reg. 680, s. 60.

61. Except with the consent of the Commissioner, no member of the Force shall engage directly or indirectly in any other occupation or calling, and he shall devote his whole time and attention to the service of the Force. R.R.O. 1970, Reg. 680, s. 61.

62. No member of the Force shall,

- (a) join or associate himself with any union connected with any labour organization or any body not belonging to or affiliated with the Force or the civil service except where a membership in the organization or body is authorized by the Solicitor General;
- (b) take any part in politics or occupy an official position in a party organization, but this does not affect the right of the member to private political views or to vote;
- (c) sign any petition on any subject to the government;
- (d) cause or permit any person not a member of the Force to make requests in his behalf that relate to the Force, but shall make his own applications through the proper channels to the Commissioner; or
- (e) contract debts that he is unwilling or unable to discharge and that may interfere with the performance of his duties as a member of the Force. R.R.O. 1970, Reg. 680, s. 62.

#### SERVICE BADGES

63.—(1) A service badge shall be granted to a member of the Force for each five-year period of continuous service.

(2) The member shall be paid an allowance of \$5 a month for each service badge to which he is entitled. R.R.O. 1970, Reg. 680, s. 63.

#### RESIGNATION OR RETIREMENT FROM THE FORCE

64.—(1) Without the consent of the Commissioner, no member of the Force shall resign unless he has given two weeks notice in writing to the Commissioner.

(2) Upon the resignation or retirement of any member of the Force, he shall return to the Force in good order all of the last issue of uniform and equipment with which he has been provided.

(3) No allowance shall be made for transportation from the point at which any member leaves the Force. R.R.O. 1970, Reg. 680, s. 64.

65. A certificate of service and character may be issued by the Commissioner to any member who has left the Force after he has served at least two years

with the Force and has not been dismissed or required to resign by reason of disciplinary action, and no duplicate of the certificate shall be issued. R.R.O. 1970, Reg. 680, s. 65.

#### APPOINTMENT TO THE FORCE

66. Applications for appointment to the Force shall be made in writing to the Commissioner. R.R.O. 1970, Reg. 680, s. 66.

67. No person shall be appointed to the Force unless he,

- (a) is a Canadian citizen or a British subject;
- (b) is eighteen years of age or over;
- (c) is certified by a legally qualified medical practitioner in the public service of Ontario to be in good health, mentally and physically, and fit for duty as a member of the Force;
- (d) produces satisfactory proof of having successfully completed at least two years secondary school education or its equivalent and passes the test required by the Commissioner; and
- (e) is of good moral character and habits and submits at least three satisfactory references as to his character and previous employment. O. Reg. 970/74, s. 2.

68.—(1) The Commissioner may require the applicant to appear personally before him in order to determine his suitability for appointment.

(2) The Commissioner is not obliged to give any reason for the rejection of an applicant. R.R.O. 1970, Reg. 680, s. 68.

#### UNIFORM AND EQUIPMENT

69. All articles of uniform and equipment necessary for the performance of duty shall be provided at the public expense, but, where damage or loss is occasioned by the fault of a member of the Force, the cost of replacement shall be borne by him. R.R.O. 1970, Reg. 680, s. 69.

#### OATH OF AUXILIARY MEMBER

70. The oath to be taken and subscribed to by an auxiliary member of the Force shall be in Form 3. R.R.O. 1970, Reg. 680, s. 70.

### Schedule

#### CODE OF OFFENCES

1. Any chief of police, other police officer or constable commits an offence against discipline if he is guilty of,

(a) DISCREDITABLE CONDUCT, that is to say, if he,

- (i) acts in a disorderly manner, or in a manner prejudicial to discipline or likely to bring discredit upon the reputation of the police force,
- (ii) is guilty of oppressive or tyrannical conduct towards an inferior in rank,
- (iii) uses profane, abusive or insulting language to any other member of a police force,
- (iv) wilfully or negligently makes any false complaint or statement against any member of a police force,
- (v) assaults any other member of a police force,
- (vi) withholds or suppresses a complaint or report against a member of a police force,
- (vii) is guilty of an indictable offence or an offence punishable upon summary conviction under the *Criminal Code* (Canada), or
- (viii) contravenes any provision of the *Police Act* or the regulations;

(b) INSUBORDINATION, that is to say, if he,

- (i) is insubordinate by word, act or demeanour, or
- (ii) without lawful excuse, disobeys, omits or neglects to carry out any lawful order;

(c) NEGLIGENCE OF DUTY, that is to say, if he,

- (i) without lawful excuse, neglects or omits promptly and diligently to perform a duty as a member of the police force,
- (ii) idles or gossips while on duty,
- (iii) fails to work in accordance with orders, or leaves an area, detachment, detail or other place of duty, without due permission or sufficient cause,
- (iv) by carelessness or neglect permits a prisoner to escape,
- (v) fails, when knowing where an offender is to be found, to report him or to make due exertions for bringing him to justice,

- (vi) fails to report a matter that it is his duty to report,
  - (vii) fails to report anything that he knows concerning a criminal or other charge, or fails to disclose any evidence that he, or any person within his knowledge, can give for or against any prisoner or defendant,
  - (viii) omits to make any necessary entry in any official document or book,
  - (ix) feigns or exaggerates sickness or injury to evade duty,
  - (x) is absent without leave from or late for parade, court or any other duty, without reasonable excuse, or
  - (xi) is improperly dressed, dirty or untidy in person, clothing or equipment while on duty;
- (d) DECEIT, that is to say, if he,
- (i) knowingly makes or signs a false statement in an official document or book,
  - (ii) wilfully or negligently makes a false, misleading or inaccurate statement pertaining to official duties, or
  - (iii) without lawful excuse destroys or mutilates an official document or record or alters or erases an entry therein;
- (e) BREACH OF CONFIDENCE, that is to say, if he,
- (i) divulges any matter which it is his duty to keep secret,
  - (ii) gives notice, directly or indirectly, to any person against whom any warrant or summons has been or is about to be issued, except in the lawful execution of such warrant or service of such summons,
  - (iii) without proper authority communicates to the public press or to any unauthorized person any matter connected with the police force,
  - (iv) without proper authority shows to any person not a member of the police force or any unauthorized member of the force any book, or written or printed paper, document or report that is the property of the police force,
- (v) makes any anonymous communication to the chief of police or superior officer or authority,
  - (vi) canvasses, except as authorized by the Act or the regulations, any person in respect of a matter concerning the police force,
  - (vii) signs or circulates a petition or statement in respect to a matter concerning the police force, except through the proper official channel or correspondence or established grievance procedure, or
  - (viii) calls or attends any unauthorized meeting to discuss any matter concerning the police force;
- (f) CORRUPT PRACTICE, that is to say, if he,
- (i) takes a bribe,
  - (ii) fails to account for or to make a prompt, true return of money or property received in an official capacity,
  - (iii) directly or indirectly solicits or receives a gratuity, present, pass, subscription or testimonial without the consent of the chief of police,
  - (iv) places himself under a pecuniary or other obligation to a licensee concerning the granting or refusing of whose licence a member of the police force may have to report or give evidence,
  - (v) improperly use his character and position as a member of the police force for private advantage,
  - (vi) in his capacity as a member of the police force writes, signs or gives, without the consent of the Chief of Police, a reference or recommendation to a member or former member of the police force, or any other police force, or
  - (vii) without the consent of the chief of police, supports in any way an application for a licence of any kind;
- (g) UNLAWFUL OR UNNECESSARY EXERCISE OF AUTHORITY, that is to say, if he,
- (i) without good and sufficient cause makes an unlawful or unnecessary arrest,

(ii) uses any unnecessary violence to a prisoner or other person contacted in the execution of duty, or

(iii) is uncivil to a member of the public;

(h) DAMAGE TO CLOTHING OR EQUIPMENT, that is to say, if he,

(i) wilfully or carelessly causes waste, loss or damage to any article of clothing or equipment, or to any book, document or other property of the police force, or

(ii) fails to report waste, loss or damage however caused;

(i) CONSUMING INTOXICATING LIQUOR IN A MANNER PREJUDICIAL TO DUTY, that is to say, if he,

(i) while on duty is unfit for duty through drinking intoxicating liquor, or

(ii) reports for duty and is unfit for duty through drinking intoxicating liquor, or

(iii) except with the consent of a superior officer or in the discharge of duty, drinks or receives from any other person intoxicating liquor on duty; or

(iv) demands, persuades or attempts to persuade another person to give or purchase or obtain for a member of the police force any intoxicating liquor, while on duty;

(j) LENDING MONEY TO A SUPERIOR; OR

(k) BORROWING MONEY FROM OR ACCEPTING A PRESENT FROM ANY INFERIOR IN RANK.

2. Any chief of police, other police officer or constable also commits an offence against discipline and shall be liable to punishment as provided in the regulations, if he connives at, abets or is knowingly an accessory to any offence against discipline under this code. R.R.O. 1970, Reg. 680, Sched.

### Form 1

*Police Act*

### CHARGE SHEET

..... POLICE FORCE  
(name of municipality)

To .....  
(name of person charged)

### YOU STAND CHARGED

That you did

and did thereby commit a ..... offence(s)  
(minor) (major)

This is therefore to command you to appear before

.....

on ..... the ..... day of .....

19.... at ..... o'clock in the ..... noon

at .....

to answer the said charge(s).

Dated this ..... day of ....., 19....

.....  
(authorized signing officer)

Copy served on person charged the ..... day of

....., 19....

.....  
(person effecting service)

(NOTE: THE FOLLOWING MAY FORM PART OF OR BE ATTACHED TO CHARGE SHEET.)

### RECORD HEARING PROCEEDINGS

Referred to ..... on .....  
(date)

for hearing

..... Presiding Officer  
(signature)

Referred to ..... on .....  
(date)

for hearing

..... Chief of Police  
(signature)

Referred to ..... on .....  
(date)

for hearing

..... for Board or Committee  
(signature)

of Council.

### ADJOURNMENTS

Hearing adjourned to .....  
(date)



for hearing

..... Presiding Officer  
(signature)

### ADJOURNMENTS

Hearing adjourned to .....  
(date)

..... Presiding Officer

Hearing adjourned to .....  
(date)

Hearing adjourned to .....  
(date)

### HEARING

Be it remembered that .....

appeared before .....

to answer to said charge(s) contained in charge sheet(s)  
hereto annexed or attached.

Pleaded .....

to the said charge(s).

### ADJUDICATION

Dated at ..... this .....

day of ....., 19....

.....  
Presiding Officer

### REVIEW BY COMMISSIONER

Date .....

Conviction— (confirmed or quashed)

Punishment— (confirmed, mitigated, etc.)

### APPEAL TO ONTARIO POLICE COMMISSION

Date .....

Conviction— (confirmed or quashed)

Punishment— (confirmed, mitigated, etc.)

R.R.O. 1970, Reg. 680, Form 2.

### Form 3

*Police Act*

### AUXILIARY MEMBER'S OATH

I, .....

do swear that I will well and truly perform the  
functions of an auxiliary member of the

..... Police Force.

And that in the event of my being duly and lawfully authorized to perform police duties, I will well and truly serve Her Majesty the Queen in the office of constable of the said Police Force without favour or affection, malice or ill-will; and that, to the best of my ability, I will cause the peace to be kept and preserved, and prevent all offences against the persons and properties of Her Majesty's subjects; and that, while I continue to hold the said office, I will, to the best of my skill and knowledge, discharge all the duties thereof faithfully according to the law. So help me God. R.R.O. 1970, Reg. 680, Form 3.

## REGULATION 792

under the Police Act

### MUNICIPAL POLICE FORCES

#### PART I

#### INTERPRETATION, APPLICATION, COMMENCEMENT

##### INTERPRETATION

1. In this Regulation, "force" means a municipal police force under the *Police Act*. O. Reg. 780/73, s. 1.

##### APPLICATION

2. This Regulation applies to every force. O. Reg. 780/73, s. 2.

##### COMMENCEMENT

3. This Regulation does not apply to insignias or service badges in use or operation on or before the 1st day of January, 1974. O. Reg. 780/73, s. 3, *revised*.

#### PART II

#### RANKS, INSIGNIAS, SERVICE BADGES

##### RANKS

4.—(1) Subject to subsections (2) and (3), every force may have all or any of the following police ranks, but no others:

Chief of Police

Deputy Chief

Staff Superintendent

Superintendent

Staff Inspector

Inspector

Staff Sergeant

Sergeant

Constable

(2) Where a force has a detective branch, detective sergeant is equivalent to the rank of staff sergeant and detective is equivalent to sergeant.

(3) The rank of constable shall have the following gradations in descending seniority:

First-Class Constable

Second-Class Constable

Third-Class Constable

Fourth-Class Constable

(4) A fourth-class constable is eligible for reclassification as a third-class constable after serving one year as a fourth-class constable.

(5) A third-class constable is eligible for reclassification as a second-class constable after serving one year as a third-class constable.

(6) A second-class constable is eligible for reclassification as a first-class constable after serving one year as a second-class constable.

(7) In the case of outstanding or meritorious service, any of the one-year periods mentioned in subsections (4), (5) and (6) may be abridged. O. Reg. 780/73, s. 4.

##### INSIGNIAS

5.—(1) The following ranks shall wear on their shoulder straps the insignia described and illustrated opposite the rank:

Chief of Police —Crown and Three Maple Leaves

Deputy Chief —Crown and Two Maple Leaves

Staff Superintendent —Crown and One Maple Leaf

Superintendent —Crown



Staff Inspector —Three Maple Leaves

Inspector —Two Maple Leaves



(2) The following ranks shall wear on their shoulder straps or on the upper part of each sleeve in the discretion of the chief of police the insignia described and illustrated opposite the rank:

Staff Sergeant —Crown and Three Chevrons

Sergeant —Three Chevrons



(3) The following ranks shall wear on their headgear the insignia described opposite the rank:

Chief of Police —A double row of embroidered oakleaf pattern gold braid affixed to the peak; black simulated patent leather strap.

Deputy Chief —A single row of embroidered oakleaf pattern gold braid affixed to the peak; black simulated patent leather strap.

Staff Superintendent — $\frac{5}{8}$  inch gold embroidered braid of field officer pattern affixed to the peak; black simulated patent leather strap.

Superintendent — $\frac{5}{8}$  inch gold embroidered braid of field officer pattern affixed to the peak; black simulated patent leather strap.

Staff Inspector — $\frac{5}{8}$  inch black embroidered braid of field officer pattern trimmed all round with gold cord affixed to the peak; black simulated patent leather strap.

Inspector — $\frac{5}{8}$  inch black embroidered braid of field officer pattern trimmed all round with gold cord affixed to the peak; black simulated patent leather strap.

(4) Where shoulder flashes or other insignia are worn, they shall be silver in colour from the rank of Staff Sergeant and below and gold in colour from the rank of Inspector and higher. O. Reg. 780/73, s. 5.

#### SERVICE BADGES

6. Where a service badge is awarded, it shall be in the shape of a maple leaf one-half of one inch by one-half of one inch and shall be worn on the left sleeve of the tunic three and one-half inches up from the bottom. O. Reg. 780/73, s. 6.

## REGULATION 793

under the Police Act

### RESPONSIBILITY OF POLICING

1.—(1) The part of the village named in column 1 that is described in column 2 of Schedule 1 is designated as having a density of population and real property assessment sufficient to warrant the maintenance of a police force.

(2) The part of the townships and improvement districts designated as townships named in column 1 that is described in column 2 of Schedule 2 is designated as having a density of population and real property assessment sufficient to warrant the maintenance of a police force. R.R.O. 1970, Reg. 681, s. 1.

#### Schedule 1

##### VILLAGES

COLUMN 1	COLUMN 2
Name of Village	Part
1. BRIGHTON	— The whole
2. CARDINAL	— The whole
3. FRANKFORD	— The whole

COLUMN 1	COLUMN 2
Name of Village	Part
4. HASTINGS	— The whole
5. HAVELOCK	— The whole
6. LAKEFIELD	— The whole
7. MILVERTON	— The whole
8. NORWICH	— The whole
9. POINT EDWARD	— The whole
10. PORT McNICOLL	— The whole
11. ROCKCLIFFE PARK	— The whole
12. ST. CLAIR BEACH	— The whole
13. SHELBURNE	— The whole
14. TAVISTOCK	— The whole
15. TWEED	— The whole
16. WHEATLEY	— The whole

R.R.O. 1970, Reg. 681, Sched. 1; O. Reg. 171/75, s. 1, *revised*.

#### Schedule 2

##### TOWNSHIPS

COLUMN 1	COLUMN 2
Name of Township	Part
1. ANDERDON	— The whole
2. ATIKOKAN	— The whole
3. BRANTFORD	— The whole

COLUMN 1	COLUMN 2
Name of Township	Part
4. COLCHESTER SOUTH	— The whole
5. ESSA	— That part described as follows: Beginning at the point where the line between concessions 4 and 5 intersects the southerly limit of that part of the King's Highway known as No. 90; thence southerly along the said line between concessions 4 and 5 to its intersection with the northerly limit of Township Road No. 25; thence westerly along the said northerly limit and along its production westerly to the intersection of the said production westerly of Township Road No. 25 with the westerly limit of the Township of Essa; thence northerly along the said westerly limit to its intersection with the northerly limit of the Township of Essa; thence easterly along the said northerly limit and along the southerly limit of that part of the King's Highway known as No. 90 to the place of beginning; excepting therefrom that part of the Camp Borden Military Area lying within the limits of the area hereinbefore described.
6. ELLIOT LAKE	— The whole
7. GLOUCESTER	— The whole
8. GOSFIELD SOUTH	— That part described as follows: Beginning at a point where the shore of Lake Erie is intersected by the boundary between the townships of Gosfield South and Colchester South; thence northerly along that boundary to the northerly limit of Highway No. 18; thence easterly along the northerly limit of Highway No. 18 to its intersection with the westerly limit of the McCane Sideroad; thence northerly along the westerly limit of the McCane Sideroad to its intersection with the northerly limit of the Jack Miner Crown Game Preserve; thence easterly along the northerly limit of the Jack Miner Crown Game Preserve (or the 4th Concession Road) to the easterly limit of Division Road; thence southerly along the easterly limit of Division Road to the northerly limit of the 3rd Concession Road; thence along the northerly limit of the 3rd Concession Road to the boundary between the townships of Gosfield South and Mersea; thence southerly along the last-mentioned boundary to the shore of Lake Erie; thence in a general westerly direction along the shore of Lake Erie to the place of beginning; excepting therefrom any portion of the Town of Kingsville.
9. INNISFIL	— The whole
10. MAIDSTONE	— That part described as follows: Beginning at a point where the shore of Lake St. Clair is intersected by that boundary between the townships of Maidstone and Sandwich East; thence southerly along that boundary to the northerly limit of the right of way of the Canadian Pacific Railway; thence easterly along the last-mentioned limit to the production southerly of the westerly boundary of the Town of Belle River; thence northerly to and along the westerly boundary of the Town of Belle River to the shore of Lake St. Clair; thence westerly along the shore of Lake St. Clair to the place of beginning; excepting therefrom the Village of St. Clair Beach.

COLUMN 1	COLUMN 2
Name of Township	Part
11. MALDEN	<p>1. That part described as follows: Beginning at a point where the shore of Lake Erie is intersected by the boundary between the townships of Malden and Colchester South; thence northerly along that boundary to the southerly limit of Highway No. 18, abutting Lot 86 in the 8th Concession of the Township of Malden; thence westerly following the southerly limit of the highway to the westerly limit of a road running northerly therefrom and lying immediately east of Big Creek; thence northerly along the last-mentioned limit to the northerly limit of a road between lots 20 and 21 in the 2nd Concession of the township; thence westerly along the northerly limit of the road between lots 20 and 21 to the easterly limit of the road allowance between the 1st and 2nd concessions of the township; thence northerly along the easterly limit of the road allowance between the 1st and 2nd concessions to the southerly boundary of the Town of Amherstburg; thence westerly along the last-mentioned boundary to the easterly bank of Detroit River; thence southerly along the bank of Detroit River to the shore of Lake Erie; thence easterly along the shore of Lake Erie to the place of beginning; and</p> <p>2. Bois Blanc Island—The whole</p>
12. MARATHON	— The whole
13. MCGARRY	— The whole
14. MERSEA	— That part described as follows: Beginning at a point where the shore of Lake Erie is intersected by the boundary between the townships of Mersea and Gosfield South; thence northerly along the last-mentioned boundary to the southerly limit of the right of way of the Chesapeake and Ohio Railway; thence easterly along that southerly limit to the boundary between the townships of Mersea and Romney; thence southerly along the last-mentioned boundary to the shore of Lake Erie; thence southerly and northwesterly following the shore of Lake Erie to the place of beginning; excepting therefrom those parts of the Town of Leamington and the Village of Wheatley lying within the limits of the area herein-before described.
15. MICHIPICOTEN	— The whole
16. NEPEAN	— The whole
17. RED ROCK	— The whole
18. SANDWICH WEST	— The whole
19. SARNIA	<p>1. That part described as follows: Beginning where the shore of Lake Huron is intersected by the boundary between the townships of Sarnia and Plympton; thence southerly along that boundary to the northerly limit of the right of way of the Canadian National Railways; thence westerly and southerly and westerly along that limit to the easterly limit of the City of Sarnia; thence northerly and westerly along the easterly and northerly limits of the City of Sarnia to the southeasterly angle of the Village of Point Edward; thence northerly along the easterly limit of the Village of Point Edward to the northerly limit of the right of way of the Canadian National Railways; thence southwesterly along that northerly limit to a point 1062.75 feet from the road allowance between lots 66 and 67 of the Front Concession of the Township of Sarnia; thence in a straight line north 2° 9' east to the shore of Lake Huron; thence in a general north-easterly direction following the shore of Lake Huron to the place of beginning; and</p>

COLUMN 1	COLUMN 2
Name of Township	Part
	2. That part described as follows: Beginning where the southerly limit of the City of Sarnia is intersected by the easterly limit of Scott Street; thence southerly along the easterly limit of Scott Street to the southerly limit of the road allowance between lots 7 and 8 in ranges 4, 5 and 6 in the Sarnia Indian Reserve; thence westerly along the last-mentioned limit to the easterly limit of Highway No. 40; thence southerly along that easterly limit to the southerly limit of the road allowance between lots 21 and 22, in the River Front Concession; thence northwesterly along the last-mentioned limit to the shore of St. Clair River; thence in a general northeasterly direction following the bank of St. Clair River to the southerly limit of the City of Sarnia; thence southeasterly, northeasterly and easterly along the last-mentioned limit to the place of beginning.
20. TECK	— The whole
21. TERRACE BAY	— The whole

R.R.O. 1970, Reg. 681, Sched. 2; O. Reg. 205/76, s. 1, *revised*.









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